

**APPENDIX E: STAKEHOLDER ENGAGEMENT DOCUMENTS**

- NEMA/NEMWA application form
- Mining Right Application form
- Database
- Notice of intent letter submitted to the DWS (8 June 2015)
- DMR acceptance letter of relevant applications
- SLR response to DMR acceptance letter (16 February 2016)
- Background information document in English and Afrikaans
- Site notices in English and Afrikaans and photos of the site notices
- Advertisements placed in the Volksblad and Kathu Gazette
- Correspondence from the land claims commissioner (DRDLR)
- Proof of distribution of the scoping report and summaries to IAPs and regulatory authorities for review and comment
- Comments received during the review of the scoping report by IAPs and regulatory authorities
- Letter of intent to lodge WULA (sent to DWS) (20 January 2016)

**NEMA/NEMWA APPLICATION FORM**



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

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### IMPORTANT NOTICE

**Kindly note that:**

1. As from 8 December 2014, this document serves as the application form, and incorporates the requisite documents that are to be submitted together with the application for the necessary environmental authorisations in terms of the said Acts.
2. This application form is applicable while the Mineral and Petroleum Resources Development Amendment Act of 2008 is in effect, as the form may require amendment should the Act be further amended.
3. Applicants are required to apply for the necessary water use licence and any other authorisations nor licences to the relevant competent authorities as required by the relevant legislation. Upon acceptance of an application for a right or permit in terms of the MPRDA, applicants will be required to provide evidence to the Regional Manager that a water use licence has been applied for.
4. The Regional Manager will respond to the application and provide the reference and correspondence details of the Competent Authority, and in the event that the application for a right or permit is accepted, together with the date by which the relevant environmental reports must be submitted. Notwithstanding anything that may appear to be stated to the contrary in the acceptance letter, the timeframes are in fact aligned and the prescribed timeframes for the submission of documents as regulated by the NEMA regulations must be strictly adhered to.
5. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
6. The failure to submit complete information as required in this application form may result in the refusal of the application for an environmental authorisation and consequently of the right or permit applied for.
7. This application must be submitted through the SAMRAD online application system of the Department of Mineral Resources under "Other documents to upload".
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
9. Please note that an application fee is payable in terms of the National Environmental Management Act and the National Waste Management Act, which fees must be paid upon lodgement of the application. Should the said application fees not be paid as prescribed the application for a right or permit in terms of the Mineral and Petroleum Resources Development Act cannot be considered to have been made in the prescribed manner and the said application for a right or permit will have to be rejected. In this regard the type of applications must be identified in the table below.

## PLEASE STATE TYPE OF AUTHORISATIONS BEING APPLIED FOR.

APPLICATION TYPE	APPLICABLE FEE	Mark with an X where applicable
NEMA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMWA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMWA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	<input checked="" type="checkbox"/>
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	<input type="checkbox"/>

## 1. CONSULTATION BASIC ASSESSMENT AND/ OR SCOPING REPORT

## 2. DETAILS OF THE APPLICANT

Project applicant:	Coza Mining (Pty) Ltd		
Registration no (if any):	2002/026199/07		
Trading name (if any):			
Responsible Person, (e.g. Director, CEO, etc.):	Manager. Projects		
Contact person:	Tabi Kowet		
Physical address:	C/o Veritas Accounts, 99 Jean Avenue, Centurion		
Postal address:	P o Box 3691 Diamond		
Postal code:	8305	Cell:	083 460 9434
Telephone:	(012) 380 2001	Fax:	(053) 823 1834
E-mail:	Tabi.kowet@arcelormittal.com		

## 3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Zama Khumalo		
Professional affiliation/registration:	None (Refer to Appendix 1)		
Contact person (if different from EAP):	Zama Khumalo		
Company:	SLR Consulting Africa (Pty) Ltd		
Physical address:	SLR, Block 7, Fourways Manor Office Park, Cnr Roos and Macbeth Streets, Fourways, Johannesburg		
Postal address:	P O Box 1596, Cramerville		
Postal code:	2060	Cell:	074 584 3839
Telephone:	(011) 467 0945	Fax:	(011) 467 0978
E-mail:	zkhumalo@slrconsulting.com		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by the NEMA Regulations, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and relevant application processes) of the EAP must also be attached as Appendix 1.

#### 4. PROJECT DESCRIPTION

<b>Farm Name:</b>	Jenkins 562 Portion 1 and remaining Extent
<b>Application area (Ha)</b>	1 476 ha
<b>Magisterial district:</b>	Hay Magisterial District
<b>Distance and direction from nearest town</b>	Approximately 24 km south of Kathu
<b>21 digit Surveyor General Code for each farm portion</b>	C0410000000056200001
<b>Locality map</b>	Attached as Appendix 2
<b>Description of the overall activity.</b> (Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)	<p>Coza Mining (Pty) Ltd is applying for a mining right for the mining of Iron ore on Farm Jenkins 562 on portion 1 and Remaining Extent. The following NEM and NEM:WA listed activities are also being applied for:</p> <ul style="list-style-type: none"> <li>• Site clearance of the mining and infrastructure area and along access route</li> <li>• Development of a construction camp</li> <li>• Mining of iron ore from open pits</li> <li>• Processing which will involve on site crushing, screening and blending</li> <li>• Construction of mine haul and access roads</li> <li>• Construction of on-site rail infrastructure</li> <li>• Construction of effluent and water reticulation pipelines</li> <li>• Construction of pollution control dams and water supply dams</li> <li>• Construction of waste rock dump</li> <li>• Construction of explosive magazine</li> <li>• Construction of fuel storage area</li> <li>• Construction of temporary waste storage facilities</li> <li>• Construction of power supply infrastructure</li> <li>• Construction of support infrastructure such as communication (communication, offices, workshops, stores, change house, sanitation etc)</li> </ul>

## 5. ACTIVITIES TO BE AUTHORISED

(Please provide copies of Environmental Authorisations obtained for the same property as **Appendix 3**).

(Attach a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all the activities to be applied for, as **Appendix 4**)

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc)	Aerial extent of the Activity Ha or m <sup>2</sup>	LISTED ACTIVITY  (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE  (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY  (Indicate whether an authorisation is required in terms of the Waste Management Act).  (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921)  and GNR 633 of 2015
<b>Site Clearance:</b>					
Selective site clearance in line with the biodiversity management plan and soil management plan (clearance of the following area: spit, waste rock dump, infrastructure, stockpile, crushing and screening, explosive magazine, rail loop, pollution control dam)	Total area ~350 ha	X	GN R 983 Activity 27 GN R 984 Activity 15 GN R 985 Activity 12		
Stripping and Stockpiling of topsoil and sub-soil.	Total area ~350 ha	X	GN R 983 Activity 27 GN R 984 Activity 15 GN R 985 Activity 12		
Digging of foundations and trenches	~43.1ha	X	GNR 983 activities 19, 27 GN R 985 Activity 14		
<b>Set up of contractor's facilities</b>					
Construction of contractor's construction camp	To be determined	X	GNR 983, activity 28		
<b>Mining</b>					
Drilling and blasting	~ 36 ha				
Development of borrow pits for sourcing material.	To be determined	X	GNR 983, activity 21		
Mining of iron ore in open pits (requires a mining	Open pit ~36 ha	X	GNR 984, activity 17		

<b>NAME OF ACTIVITY</b> (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc., etc., etc) E.g. for mining, - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. etc., etc.)	<b>Aerial extent of the Activity</b> Ha or m <sup>2</sup>	<b>LISTED ACTIVITY</b> (Mark with an X where applicable or affected).	<b>APPLICABLE LISTING NOTICE</b> (GNR 983, GNR 984 or GNR 985)	<b>WASTE MANAGEMENT AUTHORITY</b> (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	<b>APPLICABLE LISTING NOTICE</b> (GNR 921) and GNR 633 of 2015
right in terms of the MPRDA).					
Mining within listed ecosystem or critical biodiversity area (pending publication of Northern Cape's listed ecosystems).	Open pit~36 ha	X	GNR 983, activity 30		
<b>Processing</b>					
Primary processing of ore: crushing, screening will take place on site. Crushed ore will then be blended prior to transport off-site where it will be further processed.	~7 ha	X	GNR 984, activity 21		
<b>Water supply, use and management</b>					
Bulk pipelines for dewatering activities/water reticulation and stormwater. These pipelines are likely to exceed 1 000 metres in length with an internal diameter of 0.36 metres or more with peak throughput of 120 litres per second or more.	To be determined	X	GNR 983, activity 9.		
Bulk pipelines to transport return water/effluent from the sewage treatment facility and waste water from mining activities. These pipelines may exceed 1 000 metres in length with a diameter of 0.36 metres or more or a peak throughput of 120 litres per second or more.	To be determined	X	GNR 983, activity 10		
Construction/development of mine infrastructure (waste rock dump, stockpile area, mine pit,	~239.2 ha	X	GNR 983, activity 12		

<b>NAME OF ACTIVITY</b> (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc., etc., etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. etc. etc.)	<b>Aerial extent of the Activity</b> Ha or m <sup>2</sup>	<b>LISTED ACTIVITY</b> (Mark with an X where applicable or affected).	<b>APPLICABLE LISTING NOTICE</b> (GNR 983, GNR 984 or GNR 985)	<b>WASTE MANAGEMENT AUTHORIZATION</b> (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	<b>APPLICABLE LISTING NOTICE</b> (GNR 921) and GNR 633 of 2015
buildings, water storage dams, canals and other infrastructure) which exceed 100 square metres will be constructed within 32 metres of a watercourse.					
Construction of pollution control/attenuation dams, water supply tanks for the Jenkins mine.	~ 3ha	X	GNR 983, activity 13 GNR 985, activity 2		
Development of the mine pit near the watercourse.  The mining activities and the construction of infrastructure will cross watercourses, requiring earthworks (excavation/fill) of more than 5 cubic meters.	~ 36 ha	X	GNR 983, activity 19		
Construction of dewatering pipelines. The pipelines may transfer 50 000 cubic metres of water from the mine pit catchment area to other catchments within the mine property. Pipelines can potentially transfer up to 50 000m <sup>3</sup> of water a day between impoundments/attenuation dams on site during peak flows.	To be determined	X	GNR 984, activity 11		
Construction of pollution control dam/s or attenuation dams.	~3 ha	X	GNR 984, activity 16 GNR 985, activity 14,		
The storage of water containing waste, i.e. pumped from the pits,	To be determined	X	GNR 984, activity 6.		



<b>NAME OF ACTIVITY</b> (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc., etc., etc E.g for mining- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. etc etc.)	<b>Aerial extent of the Activity</b> <b>Ha or m<sup>2</sup></b>	<b>LISTED ACTIVITY</b> (Mark with an X where applicable or affected).	<b>APPLICABLE LISTING NOTICE</b> <b>(GNR 983, GNR 984 or GNR 985)</b>	<b>WASTE MANAGEMENT AUTHORIZATION</b> (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	<b>APPLICABLE LISTING NOTICE</b> <b>(GNR 921)</b> <b>and GNR 633 of 2015</b>
wash bays, workshop area and waste rock dumps, requires a water use license in terms of the NWA which governs the release of waste.					
<b>Transportation and Access Roads</b>					
Construction of haul roads and access and service roads at the mine. Some of the roads will be wider than 8 metres.	To be determined	X	GNR 983, activity 24 GNR 985, activity 4, 18		
The expansion of the district road intersection with the mine access road to accommodate passing lanes.	To be determined	X	GNR 983, activity 56		
Development of rail infrastructure for the transportation of iron ore to Vanderbijlpark.	To be determined	X	GNR 984, activity 12		
<b>Power Supply</b>					
Construction of a 22 kV overhead pole, 10MVA/5MVA transformers and mini substation for electricity transmission and distribution at Jenkins mine.	To be determined	None			
Upgrading of existing substation to cater for Jenkins electricity supply.	To be determined	None			
<b>Waste Management (Non-mineralised and Mineralised)</b>					
Construction of the waste rock dump	~ 3 ha			X	GNR 921 Category B: activity 7, 10, 11 and
Establishment of the temporary general and	To be			X	Category C

<b>NAME OF ACTIVITY</b> (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc. etc. etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. etc. etc.)	<b>Aerial extent of the Activity</b> Ha or m <sup>2</sup>	<b>LISTED ACTIVITY</b> (Mark with an X where applicable or affected).	<b>APPLICABLE LISTING NOTICE</b> (GNR 983, GNR 984 or GNR 985)	<b>WASTE MANAGEMENT AUTHORIZATION</b> (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	<b>APPLICABLE LISTING NOTICE</b> (GNR 921) and GNR 633 of 2015
hazardous waste storage area.	determined				activity 1, 2 and 3
Construction of the sewage treatment facility with capacity to treat 50kl a day	To be determined	None			
<b>Storage and handling of Dangerous Goods</b>					
Construction of a fuel storage facility with a capacity to store in excess of 500 m <sup>3</sup> of fuel	To be determined	X	GNR 984, activity 4 GNR 985, activity 10		

## 6. PUBLIC PARTICIPATION

(Provide details of the public participation process proposed for the application as required by Regulation.

### Details of the Public Participation process to be followed.

#### 6.1.1. IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED

IDENTIFICATION CRITERIA	Mark with an X where applicable	
	YES	NO
Will the landowner be specifically consulted?	X	
Will the lawful occupier on the property other than the Landowner be consulted?	X	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?	X	
Will the landowners or lawful occupiers of neighbouring properties been identified?	X	
Will the local municipality be consulted?	X	
Will the Authority responsible for power lines within 100 metres of the area be consulted?	x	
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?	X	
Will authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted? (Specify)	X	
Will the Provincial Department responsible for the environment be consulted?	X	
Will all of the parties identified above be provided with a description of the proposed mining /prospecting operation as referred above?	X	
Will all the parties identified above be requested in writing to provide information as to how their interests (whether it be socio-economic, cultural, heritage or environmental) will be affected by the proposed mining project?	X	
Other, Specify		

#### 6.1.2. DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

<p><b>Steps to be taken to notify interested and affected parties</b></p> <p>(Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as Appendix 5)</p>	<p>The scoping phase public participation process commenced in July 2015 and is currently underway. The following activities have been undertaken as part of the notification process:</p> <p><b>Identification of Interested and Affected Parties (IAPs)</b></p> <p>COZA Iron Ore has an existing IAP database that was developed for the Driehoekspan and Doornpan Sections. In order to update the IAP database, a social scan was undertaken on 7 and 9 July 2015 by SLR to obtain contact details of the surrounding landowners. Identified stakeholders were then requested to provide contact detail of other persons that may have an interest in the proposed development. The list of IAPs that have been identified for the project is given in Appendix 5. In summary the following IAPs have been identified:</p> <ul style="list-style-type: none"> <li>• Landowners</li> <li>• Occupiers</li> <li>• Surrounding Communities</li> <li>• Local Authority</li> <li>• National and Provincial Authorities with an interest on the project; and</li> <li>• Surrounding Mines</li> <li>• Ward Councillors and representatives of the ratepayers association;</li> <li>• Surrounding Landowners</li> <li>• General Public</li> </ul>
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**Notification of Landowners, Lawful occupiers and IAPs**

Written notification was sent to identified IAPs between July –October 2015. Notification to IAPs was provided in English and Afrikaans. Notification letters together with Background Information Documents were circulated to IAP via email and mail. IAPs were given 30 days to comment on the BID. Proof of notification and IAP comments is included in Appendix 5.

**Press and Site Notification**

Press adverts were placed in the following newspapers:

- Kathu Gazette in English on the 4th of July 2015
- Volksblad in Afrikaans on the 9 July 2015.

Site notices (A2 and A3) were placed on the 9 and 10th of May 2015 at the following areas:

- Main entrance to Farm Jenkins (English)
- Mine entrance to the Farmhouse on Jenkins (Afrikaans)
- Tsantsabane Local Municipality's notice board (English and Afrikaans)
- Gamagara Local Municipality's notice board in Kathu (English and Afrikaans)
- T-junction between the R325 and N14

Proof of press and site advertisement is attached as Appendix 5

The following activities will be undertaken:

**Public and Authorities Meeting**

Authority meetings will be held with the competent authority (DMR) and separate meeting will also be held with commenting authorities which include Department of Water and Sanitation and Department of Environment and Nature Conservation.

For the scoping phase, two meetings will be held. The first will be a focused meeting held with surrounding landowners/ farmers close to Farm Jenkins and the second meeting will be a general public meeting and will be held in Kathu.

For the Environmental Impact Assessment (EIA) Phase, feedback meetings will be held with authorities and the public. The number and persons to be consulted will be determined once scoping public participation process has been completed.

**Public and Authority review of Scoping Report and EIR**

The public/authority will be given opportunity to review and comment of scoping and Environmental Impact Assessment Report (EIR). In line with the requirements of the 2014 EIA regulation, IAPs will be afforded 30 calendar days to comment on each report. The reports will be made available at the local and district municipal libraries, Synergistics website and CD copies will be made available upon request.

<p><b>Information to be provided to Interested and Affected Parties.</b></p>	<p><b>The following information has been provided to IAPs</b></p> <ul style="list-style-type: none"> <li>• The site plan.</li> <li>• List of activities to be authorised</li> <li>• Scale and extent of activities to be authorised</li> <li>• Typical impacts of activities to be authorised (e.g. surface disturbance, dust, noise, drainage, fly rock etc.)</li> <li>• The duration of the activity.</li> <li>• Sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land</li> <li>• EAP's contact details;</li> <li>• Enviro-legal information;</li> <li>• Environmental process.</li> </ul>
<p><b>Information to be required from Interested and Affected Parties.</b></p>	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>• To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions</li> <li>• To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity</li> <li>• To provide information on current land uses and their location within the area under consideration</li> <li>• To provide information on the location of environmental features on site and to make proposals as to how and to what standard the impacts on site can be remedied. IAPs are requested to make written proposals.</li> <li>• To mitigate the potential impacts on their socio economic conditions to make proposals as to how the potential impacts on their infrastructure can be managed, avoided or remedied.</li> <li>• IAP contact details;</li> <li>• Contact details of others who should be informed;</li> <li>• General comments and questions.</li> </ul>

## 7. Description of the assessment process to be undertaken

ITEM	DESCRIPTION
<p><b>Environment al attributes.</b></p> <p>Describe how the Environmental attributes associated with the development footprint will be determined.</p>	<p>In order to understand the baseline environment, the following tasks will be undertaken:</p> <ul style="list-style-type: none"> <li>• Review of existing documents with information of environmental attributes in the regional and local area</li> <li>• Use of existing spatial data to identify sensitive environmental sites</li> <li>• Site visit by the EAP to observe site conditions.</li> <li>• Specialist site visits and preparation of baseline reports.</li> <li>• Consultation with authorities and interested and affected parties</li> </ul>

ITEM	DESCRIPTION														
<p><b>Identification of impacts and risks.</b></p> <p>(Describe the process that will be used to identify impacts and risks.</p>	<p>In order to identify risks and impacts, the activities to be undertaken as part of the proposed project will need to be determined. Once the project activities are understood, these will be set against the identified environmental attributes. Sensitive sites and receptors will also be identified and the impact of the project activities on these receptors will be determined. Where required scientific modelling will be undertaken to determine project impacts. Modelling will mostly be undertaken to determine impacts on groundwater, air quality and noise. In addition to this, comments from IAPs (public and authorities) will also be taken into consideration. The EAP in consultation with specialist will then determine the impacts and risks of the project. Once impacts or risks have been identified, mitigation measures will be identified to enhance positive impacts and minimise negative impacts as far as practicable and definitely within acceptable limits.</p>														
<p><b>Consideration of alternatives.</b></p> <p>Describe how alternatives, and in particular the alternatives to the proposed site layout and possible alternative methods or technology to be applied will be determined.</p>	<p><u>Site Alternatives</u></p> <p>Sensitive sites will be determined by specialist as well as by overlaying existing spatial data. Once these sites have been determined, the proposed layout will be overlaid on baseline environmental attributes. Where sensitive sites fall within the project footprint, alternative sites will be determined (where possible).</p> <p><u>Technology Alternatives</u></p> <p>Technology alternatives will be identified by the Engineers where possible. These alternatives will be considered to ensure efficient production at the mine.</p> <p><u>No-go Alternative</u></p> <p>As part of the assessment of alternatives, the no-go alternative will also be assessed.</p>														
<p><b>Process to assess and rank impacts.</b></p> <p>Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.</p>	<p>The proposed method for the assessment of environmental issues is set out in the table below. This assessment methodology enables the assessment of environmental issues including: cumulative impacts, the severity of impacts (including the nature of impacts and the degree to which impacts may cause irreplaceable loss of resources), the extent of the impacts, the duration and reversibility of impacts, the probability of the impact occurring, and the degree to which the impacts can be mitigated.</p> <p>Each potential impact will be assessed using the following criteria:  <i>Note: Part A provides the definition for determining impact consequence (combining intensity, spatial scale and duration) and impact significance (the overall rating of the impact). Impact consequence and significance are determined from Part B and C. The interpretation of the impact significance is given in Part D.</i></p> <table border="1" data-bbox="470 1355 1375 1946"> <thead> <tr> <th colspan="3" data-bbox="470 1355 1375 1388">• PART A: DEFINITION AND CRITERIA*</th> </tr> </thead> <tbody> <tr> <td data-bbox="470 1388 726 1422">Definition of SIGNIFICANCE</td> <td colspan="2" data-bbox="726 1388 1375 1422">Significance = consequence x probability</td> </tr> <tr> <td data-bbox="470 1422 726 1489">Definition of CONSEQUENCE</td> <td colspan="2" data-bbox="726 1422 1375 1489">Consequence is a function of intensity, spatial extent and duration</td> </tr> <tr> <td data-bbox="470 1489 726 1946" rowspan="2">Criteria for ranking of the INTENSITY of environmental impacts</td> <td data-bbox="726 1489 813 1736">VH</td> <td data-bbox="813 1489 1375 1736">Severe change, disturbance or degradation. Associated with severe consequences. May result in severe illness, injury or death. Targets, limits and thresholds of concern continually exceeded. Substantial intervention will be required. Vigorous/widespread community mobilization against project can be expected. May result in legal action if impact occurs.</td> </tr> <tr> <td data-bbox="726 1736 813 1946">H</td> <td data-bbox="813 1736 1375 1946">Prominent change, disturbance or degradation. Associated with real and substantial consequences. May result in illness or injury. Targets, limits and thresholds of concern regularly exceeded. Will definitely require intervention. Threats of community action. Regular complaints can be expected when the impact takes place.</td> </tr> </tbody> </table>	• PART A: DEFINITION AND CRITERIA*			Definition of SIGNIFICANCE	Significance = consequence x probability		Definition of CONSEQUENCE	Consequence is a function of intensity, spatial extent and duration		Criteria for ranking of the INTENSITY of environmental impacts	VH	Severe change, disturbance or degradation. Associated with severe consequences. May result in severe illness, injury or death. Targets, limits and thresholds of concern continually exceeded. Substantial intervention will be required. Vigorous/widespread community mobilization against project can be expected. May result in legal action if impact occurs.	H	Prominent change, disturbance or degradation. Associated with real and substantial consequences. May result in illness or injury. Targets, limits and thresholds of concern regularly exceeded. Will definitely require intervention. Threats of community action. Regular complaints can be expected when the impact takes place.
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Definition of CONSEQUENCE	Consequence is a function of intensity, spatial extent and duration														
Criteria for ranking of the INTENSITY of environmental impacts	VH	Severe change, disturbance or degradation. Associated with severe consequences. May result in severe illness, injury or death. Targets, limits and thresholds of concern continually exceeded. Substantial intervention will be required. Vigorous/widespread community mobilization against project can be expected. May result in legal action if impact occurs.													
	H	Prominent change, disturbance or degradation. Associated with real and substantial consequences. May result in illness or injury. Targets, limits and thresholds of concern regularly exceeded. Will definitely require intervention. Threats of community action. Regular complaints can be expected when the impact takes place.													

ITEM	DESCRIPTION						
	M	Moderate change, disturbance or discomfort. Associated with real but not substantial consequences. Targets, limits and thresholds of concern may occasionally be exceeded. Likely to require some intervention. Occasional complaints can be expected.					
	L	Minor (Slight) change, disturbance or nuisance. Associated with minor consequences or deterioration. Targets, limits and thresholds of concern rarely exceeded. Require only minor interventions or clean-up actions. Sporadic complaints could be expected.					
	VL	Negligible change, disturbance or nuisance. Associated with very minor consequences or deterioration. Targets, limits and thresholds of concern never exceeded. No interventions or clean-up actions required. No complaints anticipated.					
	VL+	Negligible change or improvement. Almost no benefits. Change not measurable/will remain in the current range.					
	L+	Minor change or improvement. Minor benefits. Change not measurable/will remain in the current range. Few people will experience benefits.					
	M+	Moderate change or improvement. Real but not substantial benefits. Will be within or marginally better than the current conditions. Small number of people will experience benefits.					
	H+	Prominent change or improvement. Real and substantial benefits. Will be better than current conditions. Many people will experience benefits. General community support.					
	VH+	Substantial, large-scale change or improvement. Considerable and widespread benefit. Will be much better than the current conditions. Favourable publicity and/or widespread support expected.					
Criteria for ranking the DURATION of impacts	VL	Very short, always less than a year.					
	L	Short-term, occurs for more than 1 but less than 5 years.					
	M	Medium-term, 5 to 10 years.					
	H	Long term, between 10 and 20 years. (Likely to cease at the end of the operational life of the activity)					
	VH	Very long, permanent, +20 years (Irreversible. Beyond closure)					
Criteria for ranking the EXTENT of impacts	VL	A portion of the site.					
	L	Whole site.					
	M	Beyond the site boundary, affecting immediate neighbours					
	H	Local area, extending far beyond site boundary.					
	VH	Regional/National					
<b>PART B: DETERMINING CONSEQUENCE</b>							
<b>SEVERITY = VL</b>							
DURATION	Very long	V H					

ITEM	DESCRIPTION						
		Long term	H	Low			
	Medium term	M	Low	Low			
	Short term	L	Very low	Low	Low		
	Very short	VL	Very low	Low	Low	Low	
SEVERITY = L							
DURATION	Very long	V H			High	High	High
	Long term	H				High	High
	Medium term	M	Low				High
	Short term	L	Low	Low			
	Very short	VL	Very low	Low	Low		
SEVERITY = M							
DURATION	Very long	V H		High	High	High	Very High
	Long term	H			High	High	High
	Medium term	M				High	High
	Short term	L	Low				High
	Very short	VL	Very low	Low			
SEVERITY = H							
DURATION	Very long	V H	High	High	High	Very High	Very High
	Long term	H		High	High	High	Very High
	Medium term	M			High	High	High
	Short term	L				High	High
	Very short	VL	Low				High
SEVERITY = VH							
DURATION	Very long	V H	High	High	Very High	Very High	Very High
	Long term	H	High	High	High	Very High	Very High
	Medium term	M		High	High	High	Very High
	Short term	L			High	High	High
	Very short	VL	Low			High	High



ITEM	DESCRIPTION						
	VL	L	M	H	VH		
	A portion of the site	Whole site	Beyond the site boundary, affecting immediate neighbours	Local area, extending far beyond site boundary.	Regional / National		
	<b>EXTENT</b>						
<b>PART C: DETERMINING SIGNIFICANCE</b>							
PROBABILITY (of exposure to impacts)	Definite/Continuous	VH		High	High	Very High	Very High
	Probable	H			High	High	Very High
	Possible/frequent	M	Low			High	High
	Conceivable	L	Low	Low			High
	Unlikely/improbable	VL	Very low	Low	Low		
			VL	L	M	H	VH
	<b>CONSEQUENCE</b>						
<b>PART D: INTERPRETATION OF SIGNIFICANCE</b>							
Significance	Decision guideline						
Very High	Potential fatal flaw unless mitigated to lower significance.						
High	It must have an influence on the decision. Substantial mitigation will be required.						
Medium	It should have an influence on the decision. Mitigation will be required.						
Low	Unlikely that it will have a real influence on the decision. Limited mitigation is likely to be required.						
Very Low	It will not have an influence on the decision. Does not require any mitigation						
*VH = very high, H = high, M= medium, L= low and VL= very low and + denotes a positive impact.							
Contribution of specialist reports  Describe how specialist reports, if required, will be taken into consideration and inform the impact	<p>The following specialist studies will be undertaken as part of the Scoping and EIA process:</p> <ul style="list-style-type: none"> <li>• Groundwater Impact Assessment</li> <li>• Surface water Impact Assessment</li> <li>• Air Quality Impact Assessment</li> <li>• Noise Impact Assessment</li> <li>• Biodiversity Impact Assessment (including terrestrial and aquatics)</li> <li>• Traffic Impact Assessment</li> <li>• Heritage Impact Assessment</li> <li>• Social Impact Assessment</li> </ul>						

ITEM	DESCRIPTION
<b>Identification, assessment and remediation process.</b>	<ul style="list-style-type: none"> <li>• Economic Impact Assessment</li> <li>• Waste Classification</li> </ul> <p>As part of the specialist assessments, specialist will be required to assess baseline conditions in order to identify any sensitive sites and receptors that might be impacted on by the proposed development. An assessment of project impacts on each environmental aspect taking into consideration specialist findings will then be undertaken. Specialist mitigation measures will then be taken into account when preparing the project's Environmental Management Programme (EMPr).</p>
<b>Determination of impact management objectives and outcomes.</b>  Describe how impact management objectives will be determined for each activity to address the potential impact at source, and how the impact management outcomes will be aligned with standards.	Management objectives will be determined by the EIA team taking cognisance of specialist recommendations and project engineers. Relevant environmental standards and guidelines will be consulted when preparing management measures.

#### 8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
<b>SEMA's</b>				
National Environmental Management: Air Quality Act		X		
National Environmental Management: Biodiversity Act	X			X
National Environmental Management: Integrated Coastal Management Act		X		
National Environmental Management: Protected Areas Act				
National Environmental Management: Waste Act	X		X (current application)	
<b>National legislation</b>				
Mineral Petroleum Development Resources Act	X		X	
National Water Act	X			X (notice of intent has been submitted)
National Heritage Resources Act	X			X
Others: Please specify				

Please provide proof of submission of applications in **Appendix 6**.

In the event that an authorization in terms of the National Environmental Waste Management Act is required for any of the activities applied for please state so clearly in order for such an authorisation to be considered as part of this application.

**The construction and operation of the waste rock dump will require a licence in terms of NEM:WA. Section 5 of this application lists the activities under NEM:WA that are applied for.**

9. DRAFT EMPR

For consultation purposes, provide a high level approach to the management of the potential environmental impacts of each of the activities applied for.

ACTIVITIES	PHASE (of operation in which activity will take place).	SIZE AND SCALE (of Disturbance)	TYPICAL MITIGATION MEASURES	COMPLIANCE WITH STANDARDS
<p>(E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelikes, power lines, conveyors, etc...etc...etc )</p>	<p>State, Planning and design, Pre-Construction, Operational, Rehabilitation, Closure, Post closure</p>	<p>(volumes, tonnages and hectares or m<sup>2</sup>)</p>	<p>(Eg. storm water control, dust control, noise control, access control, rehabilitation etc. . . . etc . . . )</p>	<p>(A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)</p>
<p><b>Site Clearance</b></p>	<p>Construction</p>	<p>~350 ha</p>	<ul style="list-style-type: none"> <li>• Topsoil stripping and soil management plan.</li> <li>• Rehabilitation Plan</li> <li>• Develop erosion and dust control measures to ensure soil is available for rehabilitation.</li> </ul>	<p>Permits for the removal of indigenous vegetation, protected plants to be in place.</p>
<p><b>Setting up contractors site</b></p>	<p>Construction</p>	<p>~350 ha</p>	<p>~43.1 ha</p>	
	<p>Construction camp</p>	<p>To be determined</p>	<ul style="list-style-type: none"> <li>• Topsoil stripping and soil management plan.</li> <li>• Avoid locating construction camp on sensitive sites</li> <li>• Ensure access control</li> </ul>	
	<p>Set up of contractors laydown area</p>		<ul style="list-style-type: none"> <li>• Topsoil stripping and soil management plan.</li> <li>• Avoid locating on sensitive sites</li> </ul>	
	<p>Development of workshop area</p>		<ul style="list-style-type: none"> <li>• Stormwater management plan</li> </ul>	<p>Compliance with Water Use Licence (WUL) and GN704</p>

ACTIVITIES	PHASE (of operation in which activity will take place)	SIZE AND SCALE (of Disturbance)	TYPICAL MITIGATION MEASURES	COMPLIANCE WITH STANDARDS
<p>(E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc...etc. etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc... etc...etc.)</p>	<p>State, Planning and design, Pre-Construction, Operational, Rehabilitation, Closure, Post closure.</p>	<p>(volumes, tonnages and hectares or m<sup>2</sup>)</p>	<p>(E.g. storm water control, dust control, noise control, access control, rehabilitation etc. ... etc ...)</p>	<p>(A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)</p>
				requirements
Mining	Drilling and blasting	~ 36 ha	<ul style="list-style-type: none"> <li>• Topsoil stripping and soil management plan,</li> <li>• Avoid locating on sensitive sites</li> </ul>	Compliance with Water Use Licence (WUL) and GN704 requirements
	Drilling and blasting	~ 36 ha	Blast management plan	Comply with GN704, water use licence, waste licence
Processing	Mining of iron ore in open pits	Open pit ~ 36 ha	<ul style="list-style-type: none"> <li>• Topsoil stripping and soil management plan</li> <li>• Ensure water management in pit</li> <li>• Rehabilitate open pits after operation</li> <li>• Consideration of pit backfilling</li> </ul>	Comply with GN704, water use licence, waste licence
	Primary processing of ore: crushing, screening will take place on site. Crushed ore will then be blended prior to transport off-site where it will be further processed.	~ 7 ha	<ul style="list-style-type: none"> <li>• Topsoil stripping and soil management plan.</li> <li>• Avoid locating infrastructure on sensitive sites.</li> <li>• Develop storm-water control plan.</li> </ul>	Comply with GN704, water use licence, waste licence
Water supply, use	Construction of bulk water supply	To be determined	<ul style="list-style-type: none"> <li>• Topsoil stripping and</li> </ul>	Comply with GN704, water use licence, waste licence

ACTIVITIES	PHASE (of operation in which activity will take place)	SIZE AND SCALE (of Disturbance)	TYPICAL MITIGATION MEASURES	COMPLIANCE WITH STANDARDS
<p>(E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc., etc., etc. E.g. for mining- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. etc. etc.)</p>	<p>State, Planning and design, Pre-Construction, Construction, Operational, Rehabilitation, Closure, Post closure</p>	<p>(volumes, tonnages and hectares or m<sup>2</sup>)</p>	<p>(Eg. storm water control, dust control, noise control, access control, rehabilitation etc., etc., etc.)</p>	<p>(A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)</p>
<p><b>and management</b></p>	<p>and operation</p>	<p>~ 3 ha To be determined To be determined</p>	<p>soil management plan.</p> <ul style="list-style-type: none"> <li>Avoid locating infrastructure on sensitive sites.</li> <li>Develop storm-water control plan.</li> </ul>	<p>licence, waste licence</p>
<p><b>Transport and access roads</b></p>	<p>Construction and operation</p>	<p>To be determined</p>	<ul style="list-style-type: none"> <li>Avoid locating roads in sensitive areas.</li> <li>Develop dust control plan</li> <li>Access control to control third parties access</li> <li>Remove surface infrastructure and rehabilitate in line with closure objectives</li> <li>Ensure safe alternative routes for third parties during construction phase</li> <li>Develop traffic</li> </ul>	<p>Compliance with the relevant municipal by-laws.</p>
<p>infrastructure (pipeline and storage dams) Construction of pipeline and other infrastructure within 32 m of a watercourse Construction of pollution control dam Dewatering of mine pit for safety during mining Storage of water containing waste Construction of haul and access roads Expansion of district road intersection</p>	<p>Construction and operation</p>	<p>To be determined</p>	<p>Compliance with the relevant municipal by-laws.</p>	

ACTIVITIES	PHASE (of operation in which activity will take place)	SIZE AND SCALE (of Disturbance)	TYPICAL MITIGATION MEASURES	COMPLIANCE WITH STANDARDS
<p>(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. etc. etc.)</p>	<p>State, Planning and design, Pre-Construction, Construction, Operational, Rehabilitation, Closure, Post closure.</p>	<p>(volumes, tonnages and hectares or m<sup>2</sup>)</p>	<p>(E.g. storm water control, dust control, noise control, access control, rehabilitation etc., etc., ...)</p>	<p>(A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)</p>
			<p>management plan</p> <ul style="list-style-type: none"> <li>• Avoid locating infrastructure in sensitive areas</li> <li>• Develop dust control plan</li> <li>• Access control to control third parties access</li> <li>• Remove surface infrastructure and rehabilitate in line with closure objectives</li> </ul>	
<p><b>Power Supply</b></p>	<p>Construction and operation</p>	<p>To be determined</p>	<ul style="list-style-type: none"> <li>• Avoid locating infrastructure in sensitive areas</li> </ul>	
<p><b>Waste management (non-mineralised and mineralised waste)</b></p>	<p>Construction and operation</p>	<p>~ 3 ha</p>	<ul style="list-style-type: none"> <li>• Avoid locating waste rock dump in sensitive areas.</li> <li>• Effective design and operation of the waste rock dump to minimise pollution of water</li> </ul>	<p>Compliance with NEMWA and Regulations</p>
<p>Development of rail infrastructure</p>				
<p>Construction of a 22 kV overhead pole, 10MVA/5MVA transformers and mini substation</p>	<p>Construction and operation</p>			
<p>Upgrading of existing substation to cater for Jenkins electricity supply.</p>				
<p>Construction of the waste rock dump</p>	<p>Construction and operation</p>			

ACTIVITIES	PHASE (of operation in which activity will take place)	SIZE AND SCALE (of Disturbance)	TYPICAL MITIGATION MEASURES	COMPLIANCE WITH STANDARDS
<p>(E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. etc...etc E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc....etc etc.)</p>	<p>State, Planning and design, Pre-Construction, Construction, Operational, Rehabilitation, Closure, Post closure.</p>	<p>(volumes, tonnages and hectares or m<sup>2</sup>)</p>	<p>(Eg. storm water control, dust control, noise control, access control, rehabilitation etc.... etc...)</p>	<p>(A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)</p>
			<ul style="list-style-type: none"> <li>resources.</li> <li>Rehabilitate in line with closure objectives.</li> </ul>	
<p>Establishment of the temporary general and hazardous waste storage area.</p>		<p>To be determined</p>	<ul style="list-style-type: none"> <li>Avoid locating infrastructure in sensitive areas.</li> <li>Ensure storm-water control at the facility</li> </ul>	<p>Compliance with the norms and standards for the storage of waste</p>
<p>Construction of the sewage treatment facility with capacity to treat 50kl a day</p>		<p>To be determined</p>	<ul style="list-style-type: none"> <li>Avoid locating infrastructure in sensitive areas.</li> <li>Ensure storm-water control at the facility</li> <li>Ensure appropriate disposal of sewage sludge.</li> </ul>	
<p>Storage and handling of dangerous goods</p>	<p>Construction and operation</p>	<p>To be determined</p>	<ul style="list-style-type: none"> <li>Avoid locating infrastructure in sensitive areas.</li> <li>Ensure storm-water control at the facility</li> </ul>	



## 10. CLOSURE PLAN

<p><b>In the space provided under each heading below, please provide a high level description of the plan for closure and the information that will be provided in the draft EMPr accompanying draft basic assessment report or environmental impact reports going forward.</b></p>	
<p><b>Baseline environment</b></p> <p>Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment</p>	<p>The baseline environment will be characterised with relevant specialist studies. IAPs have the opportunity to provide information on the baseline environment when reviewing the BID, Scoping and EIA reports, as well as at public meetings and the submission of written comments at any time during the EIA process.</p>
<p><b>Closure objectives</b></p> <p>Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>Rehabilitation closure objectives and principles include:</p> <ul style="list-style-type: none"> <li>• Safety and health of people and animals are safeguarded from hazards resulting from the suspended mining operations.</li> <li>• Environmental damage or residual environmental impacts are minimised to the extent that they are acceptable to all parties involved.</li> <li>• The land is rehabilitated to achieve a condition approximating its natural state, or so that the envisaged end use of wilderness or conservation area is achieved.</li> <li>• The physical and chemical stability of the remaining structures must be such that risk to the environment through naturally occurring forces is eliminated.</li> <li>• Mine closure is achieved efficiently, cost effectively, and in compliance with the law.</li> <li>• The social impacts resulting from mine closure are managed in such a way that establishment of a socially stable community in line with the principles of sustainable development is facilitated.</li> </ul>
<p><b>Rehabilitation Plan</b></p> <p>Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, including the anticipated prospecting or mining area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.</p>	<p>A site rehabilitation plan will be included in the EMP report.</p> <p>Surface infrastructure will be established on an estimated 350 ha, which will require rehabilitation. Surface infrastructure will consist of open pits, waste rock dump, water storage and management facilities and support infrastructure.</p>
<p><b>Rehabilitation Cost</b></p> <p>Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof</p>	<p>The rehabilitation and closure costing will be determined in line with the DMR guidelines.</p>
<p><b>Decommissioning</b></p> <p>Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of</p>	<p>All listed activities will cease upon mine closure and rehabilitation. Life of mine is currently estimated at 10 years.</p>

either the cessation of the individual activity or the cessation of the overall prospecting or mining activity	
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*Y. Bilalov*

Signature of the applicant / Signature on behalf of the applicant:

**COZA MINING (PTY) LTD**

Name of company (if applicable):

*15-10-2015*

Date:

**APPENDIX 4  
DECLARATION OF THE EAP**


I, Zama Khumalo, declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

**Disclosure of Vested Interest (delete whichever is not applicable)**

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the environmental assessment practitioner:

**SLR Consulting Africa (Pty) Ltd**

Name of company:

15/10/2015

Date

**MINING RIGHT APPLICATION FORM**









ASCII file handed in ?

Yes

No

**Spheroid and Datum:**

Clarke 1880/Cape

WGS84/WGS84

WGS84/Hartebeesthoek

**PART E: TYPE OF MINERAL OR MINERALS**

Name the type of mineral or minerals for which the mining right is required (refer to the attached List 2):

Code	Mineral	Type
M n	Manganese Ore	B
F e	Iron Ore	B

Method(s) of mining:

Open Cast

Period for which the right is required:

10 years

Name of the mining operation (if applicable):

Jenkins & Morokwa

**PART F: DECLARATION**

I, the applicant

Tabi Kowet

in my personal capacity or duly authorised thereto by the legal entity in a representative capacity, declare that the information contained in the application form is true and correct.

*(attach certified copy of resolution, if acting in a representative capacity)*

Capacity:

Manager, Projects Arcelor Mittal South Africa, Mining Division

**THE APPLICATION MUST BE ACCOMPANIED BY THE FOLLOWING:**

- A. Details of the land or area**  
Provide a plan as contemplated in regulation 2(2).
- B. Mining work programme**  
Full particulars of the mining work programme contemplated in regulation 11.
- C. Financial and technical competence**  
Provide details and documentary proof of the applicant's technical ability and financial resources compatible with the mining work programme that are readily available or how they will be provided for, to enable the applicant to carry out the mining activities in terms of the mining work programme and to mitigate and rehabilitate relevant environmental impacts satisfactorily.
- D. Detailed financing plan contemplated in regulation 11(g).**

- E. Title deed or deeds in respect of land**  
Provide a certified copy or copies of the title deed or deeds in respect of the land or area to which this application relates.
- F. Existing rights**  
Provide a list of existing rights and permits held by the applicant to be compiled in tabular form which indicate the region, the location with regard to the land name and the existing right or permit number for each mineral or minerals.
- G. Social and labour plan**  
A social and labour plan contemplated in regulation 46.
- H. Prescribed fee**  
An amount of R1000,00 being the application fee specified in regulation 75(1)(c).
- I. Copy of identity document**  
In the case of a natural person, a certified copy of the identity document must be attached.
- J.** A certified copy of the certificate of Incorporation, if applicable.
- K.** A certified copy of the certificate to commence business, if applicable.
- L. Copy of resolution, if acting in a representative capacity (refer to Part F: Declaration)**

Signed at

on the  day of

*(Place)*  
*(Month)* *(Year)*

**SIGNATURE OF APPLICANT / REPRESENTATIVE (IF APPLICABLE)**







Manager, Projects  
**ArcelorMittal South Africa**  
Mining Division

**DATABASE**

**COZA IRON ORE (PTY) LTD: JENKINS SECTION**

**EIA/EMP**

**INTERESTED AND AFFECTED PARTY DATABASE**

**TABLE 1: PROJECT TEAM AND ENVIRONMENTAL ASSESSMENT TEAM ..... i**

**TABLE 2: LANDOWNERS ADJACENT TO AND WITHIN 5 KM OF THE PROJECT AREA ..... ii**

**TABLE 3: OTHER IAPS – LAND USERS, SURROUNDING INDUSTRY AND MINES, NON-GOVERNMENT ORGANISATIONS..... iii**

**TABLE 4: REGULATORY AUTHORITIES LIST..... x**



**TABLE 1: PROJECT TEAM AND ENVIRONMENTAL ASSESSMENT TEAM**

<b>Interest group</b>	<b>Title</b>	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
Project team	Mr	Tabi	Kowet	Arcelormittal (Pty) Ltd
Environmental consultants	Ms	Alex	Pheiffer	SLR Consulting (Pty) Ltd
	Ms	Caitlin	Hird	
	Ms	Mase	Rantsieng	
Specialists	Mr	Emile	Van der Westhuizen	SAS
	Mr	Wiekus	Du Plessis	Groundwater complete
	Ms	Nicolette	Von Reiche	Airshed Planning Professionals (Airshed) Pty Ltd
	Mr	Thato	Mariti	TTT Africa Pty Ltd
	Mr	Polke	Birkholtz	PGS Heritage Pty Ltd.
	Mr	Phillip	Hull	Jaffares and Green Pty Ltd
	Mr	Werner	Neethling	Mercury Financial Consultants

**TABLE 2: LANDOWNERS ADJACENT TO AND WITHIN 5 KM OF THE PROJECT AREA**

Title	Name	Surname	Title Deed Number	Organisation	Farm
<b>LANDOWNERS</b>					
Mr	Nicolaas	Jones			Portion 2 of Jenkins 562
Mr	Leon	Venter			Portion 3
Mr	Harry	Dull		Kumba Iron Ore	Jenkins 562 (Remaining Extent of Portion 1)
<b>LANDOWNERS ADJACENT TO THE PROPOSED PROJECT AREA</b>					
Mr	Dirk	Coetzee	T572/1968	Assmang Pty Ltd	Mokaning 560 (Portion 1)
			T349/1954		Macarthy 559 (Remaining Portion)
			T349/1954		King 561 (Remaining Portion)
			T193/2006		Parson564 (Remaining portion)
Mr	Werner	Voigt	T2101/2015	Sishen Iron Ore Company Pty Ltd	Mokaning Remaining extent
Mr	Hendrik Johan Smith	Swanepoel	T2803/1996	Private	Macarthy (Portion 2)
			T2803/1996		Macarthy (Portion 5)
Mr	Coenraad, Henrik	Kotze	T182/2004	Private	Macarthy 559 (Portion 3)
Mr	Jan	Olivier	T343/2003	Erich Olivier Trust	Roscoe (Remaining extent)
	Danelle Familie Trust		T2323/2012		Gappepin Reserve 670 (Remaining portion)
Ms	Lin	van der Westhuizen	General Manager (PMG Mining)		Bishop 671 (Portion 4)
Mr	HA	Derckersen	Farmhouse on Jenkins		Vlakwater

**TABLE 3: OTHER IAPS – LAND USERS, SURROUNDING INDUSTRY AND MINES, NON-GOVERNMENT ORGANISATIONS**

	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
	Werner	Voigt	Sishen Mine
Mr	J.P.	Kleynhans	Beeshoek Mine
Mr	Moses	Singo	Sedibeng Mine (SHEQ Manager)
	More	Matsididi	Maremane Community Association Vice Chair
		Micheal	Maremane Community
		Moshimane	Maremane Community
	Joseph	Madupe	Maremane Community
	Kevin	Mabuya	Interested Party from Postmasburg (responded to advert)
	N	Pferreira	Van de Wall Aatl
Mr	Cornelia	Cornwall	Van der Wall & Vennote
Mr	Alfred	Pegram	Dept of Coghsta
	Burt	Barends	Roads for Pworks
	Lean	Rades	
	Vannessa	Williams	

	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
	Graig	Katz	Kotz Waste Removal & Cleaning Services
	Boniface	Masiane	Maremane Community
	Boifunlelo		
	Itumelang	Moss	
	Timy	Meare	
	Patricia	Metuti	
	Rohena	Jacobs	Youth Leader
	Elizabeth	Neels	Public
	Dalena	Stoffels	Public
	Magdalene	van Wyk	Public
	K.	Ashmeal	
	Lesley	Momhi	
	M	Motwakisi	
	T.B	Brannuseane	
	T.D	Khope	
	M.	Jakonynie	
	D.	Basti	

	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
Mr		Dakes	
Mrs		Sunnyboy	
Mrs	K	Phillimon	
Mr	Ephram	Marile	
Mr	Ipelerg	Magobery	
Mr	Petronella	Blom	
Mr	Nicolus	Kaiona	
Mr	F.B	Jobela	
Ms	B.C	Bogosi	
Mr	K.W	Bashi	
Mr	Cornelia	Dibe	
		Othashitse	
	Winnie	Sibanda	
	Olebile	Radieta	
	Kuku	Rooioadjie	
	K	Bogooi	Maremane Community
	Mogomotsi	Selkaneng	Maremane Community

	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
	Iponeng	Augus	Maremane Community
	Hilda	Sibanda	Maremane Community
	Martha	Motise	Maremane Community
	Florah		Maremane Community
	Julia		Maremane Community
		Mamonyenyane	Maremane Community
	Kedienke	Mogabeng	Maremane Community
	kedibonye	Mogabeng	Maremane Community
	Marie	Dithokoe	Maremane Community
	K	Hobese	Maremane Community
	Mathapelo	Kgotlaekae	Maremane Community
	L	Segokotlo	Maremane Community
	Lebogang	Kunere	Maremane Community
	Virginia	Magabeng	Maremane Community
	Makse	Magabeng	Maremane Community
	Motshegare	Advice	Maremane Community
	Maphefo	Magabeng	Maremane Community

	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
	Shaunette	Heyns	
	Islay Jane	Sparks	Kumba Iron Ore Kolomela Mine
	Mimi	Swart	Belasting
	Glodine	Williams	
	Brenden	Katz	Katz Waste Removal & Cleaning
	Mfumaneke	Ngxityana	
	Tumelo	Monnapund	TET Projects
	Fanny	Tobela	Maremane Community
	Peter	Batlaodi	Driehoekspan Resident
	Anna-Marie	Esterhuizen	Transnet Housing Resident
	Albertus	Viljoen	CEO Tshping Water Users Association
	Aoam	Wahl	CSO Assmang Beeshoek
	Gladys	Kuruti	Maremane Community
	Jonnay	Medupi	Maremane Community
	2	Christiaan Connelius Claassens	Farmer
	5	Mark Oosthuizen	Assmang Ltd
	RE	Christiaan Connelius Claassens	Farmer

	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
	RE	Mark Oosthuizen	Assmang Ltd
	8	More Matsidi	Maremane Community Property Association
	1	Onkemetse Gill	NC Provincial Government (Dept. of Roads & Public works)
	2	More Matsidi	Maremane Community Property Association
	1	More Matsidi	Maremane Community Property Association
	3	Onkemetse Gill	NC Provincial Government (Dept. of Roads & Public works)
	RE	More Matsidi	Maremane Community Property Association
	4	Sam Fiff	Transnet Limited
	1	Chris Victor	Kareepan Trust
	RE		
	1	Sam Fiff	Transnet Limited
	RE	Mark Oosthuizen	Assmang Ltd
	RE	Mark Oosthuizen	Assmang Ltd
	RE	Adam Wahl	Assmang Ltd
	1	Mark Oosthuizen	Assmang Ltd
	2		



	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
	3	Christiaan Connelius Claassens	Farmer
	1	More Matsidi	Maremane Community Property Association
		Mr Tshwaro Motlhabedi	Maremane Community Property Association Deputy Secretary

**TABLE 4: REGULATORY AUTHORITIES LIST**

	<b>Name</b>	<b>Surname</b>	<b>Organisation</b>
Mr	Abe	Abrahams	NC Dept. Of Water Affairs
	Esther	Makungo	Dept. of Water Affairs Kimberley
Mr	Ordain	Riba	NC Dept. Of Environment & Nature Conservation
Mr	Dumisani	Sibayi	South African Heritage Resources Agency
	Onkemetse	Gill	Provincial Roads Department
Mr	Machalla	Ramaboea	NC Department of Mineral Resoures
Ms	Raisibe	Sekepane	NC Department of Mineral Resoures
Mrs	Torien	N.J	Department of Agriculture, Land Reform and Rural Development SRM Control Technician
Mr	Lebogang	Lekgatsane	Department of Agriculture, Land Reform and Rural Development SRM Control Technician
Mr	Itomoeeng	Rakgwale	Department of Agriculture, Land Reform and Rural Development SRM Control Technician
Ms	Jacoline	Mans	NC Department of Agriculture, Forestry and Fisheries
Mr	Ryan	liver	Department of Rural Development and Land Reform

**LOCAL AUTHORITIES**

	Elroy	Phete	Tsantsabane Local Municipality (Mayor)
	Gilbert	Lategan	Tsantsabane Local Municipality (Municipal Manager)
	Mathapelo	Mathetsa	Tsantsabane Local municipality (LED)
	Librarian		Tsantsabane Local Library
	Julius	Theys	Tsantsabane Local Municipality (Env Manager)
	Mpho	Mashila	Tsantsabane Local Municipality Ward Councillor (ward 6)
	Gift	van Staden	Siyanda District Municipality
	Jim	Bredenkamp	PMB Agricultural Union
	Mimi	Swart	Taxpayers Association
	Albertus	Viljoen	Tshiping Water Users Association

**NOTICE OF INTENT LETTER SUBMITTED TO THE DWS (8 JUNE 2015)**



Project  
755.01053.00001

Reference:

File Ref. Notice of intent DW&S

8 June 2015

**Northern Cape Department of Water & Sanitation  
28 Central Road  
Beaconsfield  
Kimberley**

**ATTENTION: REGINAL MANAGER**

**CC: ESTER MAKHUNGO**

Dear Sir,

**NOTICE OF INTENT TO SUBMIT AN INTERGRATED WATER USE LICENCE APPLICATION FOR  
THE COZA IRON ORE PROJECT.**

**1. INTRODUCTION**

COZA Mining (Pty) Ltd (COZA) is planning to develop the COZA Iron Ore Project which will involve the mining of iron ore on Farms Driehoekspan 435 (Remaining Extent), Thakwaaneng 675 Doornpan 445 (Portion 1) and Jenkins 562 (Portion 1 and RE) (See Figure 1 in Appendix 1). The proposed development is located in the Tsantsabane Local Municipality of the Northern Cape Province.

Three different mining sections will be developed as part of the COZA Iron Ore Project namely, the Diehoekspan/Thakwaaneng section, Doornpan section and the Jenkins section. Open pit mining will be undertaken at ll three sections by means of truck and shovel. Processing activities will involve crushing and screening and no tailings facility will be developed on all three sections.

As part of the proposed development, COZA submitted mining right applications for the Driehoekspan/Thakwaaneng section in July 2013 and Doornpan section in February 2014. The mining right for the Jenkins section remains to be submitted.

This letter serves to notify the Northern Cape Department of Water and Sanitation (DW&S) of COZA's intent to submit three separate Integrated Water Use Licence Applications (IWULA) and an Integrated Water and Waste Management Plan (IWWMP) in support of the three mining right applications.

## 2. INTEGRATED WATER USE LICENCE APPLICATION

The Department is hereby notified that COZA will be submitting the IWULA and IWWMP for the three mining sections to the DW&S. Table 1 below provides an indication of the water uses to be applied for and the date on which applications will be submitted.

**Table 1: Timeframes for submission of IWULA's and IWWMP for the Coza Iron Ore Project**

Coza Iron Ore Mining Section	DMR Reference Number	Potential Water Uses	Date for Submission of IWULA & IWWMP
Farm Doornpan 445 Portion 1	NC 30/5/1/2/2/10034MR	Section 21 a, b, c, g, i, j	20 August 2015
Farm Driehoekspan 435 (RE) and Thakwaaneng 675	NC30/5/1/2/2/10082MR	Section 21 a, b, c, g, i, j	16 November 2015
Farm Jenkins 562 (Portion 1 and RE)	Mining right to be submitted	Section 21 a, b, c, g, i, j	5 May 2016

It should be noted that Synergistics has previously had a meeting with representatives from the provincial DW&S and the Northern Cape Department of Nature and Conservation on the 25<sup>th</sup> of March 2015 to provide notification on environmental work being undertaken for the Doornpan Mine Section. Minutes of this meeting are attached as Appendix 3 of this letter.

As part of this application process, Synergistics will arrange for a pre-consultation meeting with representatives from the Departments to discuss the requirements for the abovementioned application.

## 3. CONCLUSION

We trust the above is in order. Please feel free to contact the undersigned should you have any queries.

Yours faithfully



Zama Khumalo

## Appendix 1: Location of the COZA Iron Ore Project

Appendix 2: Minutes of the Meeting with DENC and DW&S

**DMR ACCEPTANCE LETTER OF RELEVANT APPLICATIONS**





2. This letter serves as an acknowledgement of receipt of an application for Environmental Authorisation (EA) and Waste Management Licence in respect of the above mentioned proposed activities.

**NB. Kindly note that no development or activities as listed in terms of Act 107 of 1998 as amended and 2014 EIA Regulations should commence without an Environmental Authorisation.**

Yours faithfully



**REGIONAL MANAGER: MINERAL REGULATION**

**NORTERN CAPE REGION**

DATE...09/10/2015

*Please quote this office file number for any correspondence as reference*



# mineral resources

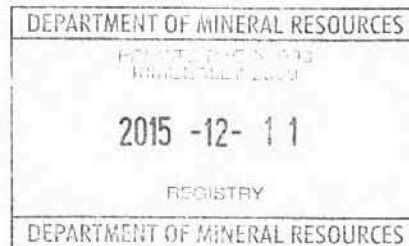
Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X 6093, Kimberley, 8300, 65 Phakamile Mabija Street, 1<sup>st</sup> Floor Permanent Building, Kimberley, 8301  
Tel: 053 807 1722 Fax: 053 832 5671 Email: [Ephesia.semenya@dmr.gov.za](mailto:Ephesia.semenya@dmr.gov.za) Ref: NC30/5/1/2/2/10094 MR

From: **Mineral Regulation** Enquiries: **Mamikie Semenya**

## **PER REGISTERED MAIL**

The Directors  
Coza Mining (Pty) Ltd  
P O Box 3691  
Diamond  
8305



Fax no: 086 293 8289

E-mail: [farell@kimberley.co.za](mailto:farell@kimberley.co.za)

Dear Sir/Madam

**APPLICATION FOR MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 AS AMENDED BY SECTION 18 OF ACT 49 OF 2008 AND ENVIRONMENTAL AUTHORIZATION IN TERMS OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) AS AMENDED: MOROKWA 672 AND JENKINS NO 562, WITHIN THE ADMINISTRATIVE DISTRICT OF KURUMAN.**

1. This is to inform you that your application for a mining right in terms of section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) ("Act") as amended and the Environmental Authorization in line with NEMA Regulations for **Manganese and Iron Ore** has been accepted.
2. In terms of section 18 (e) of the Act, you are directed to comply with the following instructions:

- a. Implement the processes prescribed by the National Environment Management Act, 1998 as amended and submit the Scoping Report within 44 days (on or before the **21<sup>st</sup> December 2015**) from the date of application of Environmental Authorization.
  - b. Submit the relevant Environmental Impact and Environmental Management Programme reports as required in terms of the National Environment Management Act, 1988 (as amended) within 106 days (on or before **04<sup>th</sup> May 2016**) from the date of acceptance of the scoping report, as prescribed.
  - c. Notify and consult with the landowners, lawful occupiers and any other interested and affected parties as required in terms of Regulation 41(2) read with Section 24J of National Environment Management Act, 1998 (Act 107 of 1988) as amended.
  - d. Lodge a notice of intent to apply for a Water Use Licence in terms of National Water Act, 1998 (Act 36 of 1998) with the Department of Water and Sanitation with immediate effect and confirm that with the Regional Manager on or before **12<sup>th</sup> January 2016**.
3. Be advised that the Minister may having regard to the type of mineral concerned and the extent of the proposed mining project, direct the applicant to give effect to the objects of the section 2(d) of the Act. In order to comply with section 2(d) **you are thus directed** to submit the following documents within 60 days from the date of this letter, i.e. on or before the **23<sup>rd</sup> February 2016**.
- a. Duly signed shareholders agreements with your empowerment partner in which provision **shall** be made for entrepreneurs, local community and employees,
  - b. Share certificates,
  - c. Details relating to the equity by the BEE shareholders,
  - d. Any other agreement relating to the BEE shareholding including the voting pool agreement where applicable,
  - e. Articles and memorandum of association of the company,
4. Further note that the acceptance of your application does not grant you the right to commence with mining activities. It only signify that your application will be

processed, evaluated and the Minister or his delegate will make a decision within 300 working days from the lodgement of your application.

**Yours faithfully**

*mk Muthoo*  
**ACTING REGIONAL MANAGER:**  
**MINERAL REGULATION**  
**NORTHERN CAPE**  
**DATE:** *20/11/2015*



Synergistics is a SLR group company



Date: **16 FEBRUARY 2016**  
Your Ref: **(NC)30/5/1/2/2/10094MR**  
Our Ref: **755.03048.00001**  
Attention: **MS P MAKHUELE**  
**DEPARTMENT OF MINERAL**  
**RESOURCES**  
**65 PHAKAMILE MABIJA STREET**  
**KIMBERLEY**  
**8300**

**Johannesburg:** Tel: +27(0)11 467 0945, Fax: +27(0)11 467 0978  
PO Box 1596, Cramerview, 2060  
Unit 7, Fourways Manor Office Park,  
1 Macbeth Avenue,  
Fourways, Johannesburg

Cc: **MACHALLA RAMABOEA AND**  
**MAMIKIE SEMENYA**

Dear Sir/Madam,

**RESPONSE LETTER TO DMR SCOPING REPORT ACKNOWLEDGEMENT LETTER (DATED 12 FEBRUARY 2016) FOR THE JENKINS SECTION IRON ORE PROJECT, NORTHERN CAPE**

This letter serves to confirm that COZA Mining (Pty) Ltd (COZA) has received the DMR's Scoping Report acknowledgement letter dated 12 February 2016.

Based on the above, the EIA and EMP Report submission deadline date (in accordance with Section 23(1) and Section 5(3) of Regulation 982 of NEMA) is calculated to be 02 June 2016. This submission date supersedes the date 4 May 2016 submission date provided in the DMR Mining Right Acceptance letter.

We trust the above is in order. Please feel free to contact the undersigned should you have any queries.

Yours faithfully

Caitlin Hird (Project Manager)

*For Synergistics Environmental Services (Pty) Ltd (Part of the SLR group)*



## mineral resources

Department  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Kimberley  
Private Bag X6093, Kimberley, 8300, Tel:(053) 807 1700, Fax: (053) 832 8593  
65 Phakamile Mabija Street, Permanent Building, First & Second Floors, Kimberley , 8301

### FAX COVER SHEET

DATE: 12 February 2016

TO:	Caitlin Hird		
ORGANISATION:	Coza Mining Pty Ltd		
FAX:	(011) 467 0978		
FROM:	Ms. P. Makhuvele		
TEL:	(053) 807 1700	ROOM NO:	233
FAX:	(053) 832 8593		
E-MAIL:	Patricia.Makhuvele@dmr.gov.za		
NO PAGES:	04 Pages including cover 03 pages page		
SUBJECT:	Acknowledgement letter for Scoping Report for IEA Ref No. 10094 MR		
MESSAGE:	Please, find the documents for your attention and further handling.  You are welcome to contact the writer with any relevant queries  Your co-operation will be highly appreciated		

  
P. MAKHUYELE





## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Private Bag X 6093 Kimberley, 8300; Tel: 0538071700; Fax: 0538328593  
65 Phakamile Mabija, 1<sup>st</sup> Floor Permanent Building, Kimberley 8300

Enquiries: P. Makhuvele: Ref No: NC 30/5/1/2/3/2/1 (10094) EM  
E-mail address: Patricia.Makhuvele@dmr.gov.za  
Mine Environmental Management

### REGISTERED MAIL

The Directors  
Coza Mining (Pty) Ltd  
P.O. Box 3691  
Diamond  
8305

Attention: Caitlin Hird

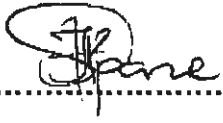
Fax: (011) 467 0978

**ACKNOWLEDGEMENT OF RECEIPT OF SCOPING REPORT FOR INTEGRATED ENVIRONMENTAL AUTHORISATION FOR A MINING RIGHT, AND ASSOCIATED INFRASTRUCTURAL ACTIVITIES IN RESPECT OF IRON ORE ON THE FARM MOROKWA NO. 672 AND JENKINS NO. 562, SITUATED IN THE MAGISTERIAL DISTRICT OF KURUMAN, NORTHERN CAPE REGION.**

1. The above mentioned document was received by this Department on the 02<sup>nd</sup> of December 2015 refers.
2. This letter serves as an acknowledgement of receipt of Scoping Report for an application for Integrated Environmental Authorisation (IEA) in respect of the above mentioned proposed activities and.

NB. Kindly note that no activities or development or activities as listed in terms of Act 107 of 1998 as amended and 2014 EIA Regulations should commence without an Environmental Authorisation.

Yours faithfully

  
pp .....  
.....

**REGIONAL MANAGER: MINERAL REGULATION**

**NORTERN CAPE REGION**

DATE..12/02/2016

*Please quote this office file number for any correspondence as reference*

**SLR RESPONSE TO DMR ACCEPTANCE LETTER (16 FEBRUARY 2016)**



Synergistics is a SLR group company



Date: **16 FEBRUARY 2016**  
Your Ref: **(NC)30/5/1/2/2/10094MR**  
Our Ref: **755.03048.00001**  
Attention: **MS P MAKHUELE**  
**DEPARTMENT OF MINERAL**  
**RESOURCES**  
**65 PHAKAMILE MABIJA STREET**  
**KIMBERLEY**  
**8300**

**Johannesburg:** Tel: +27(0)11 467 0945, Fax: +27(0)11 467 0978  
PO Box 1596, Cramerview, 2060  
Unit 7, Fourways Manor Office Park,  
1 Macbeth Avenue,  
Fourways, Johannesburg

Cc: **MACHALLA RAMABOEA AND**  
**MAMIKIE SEMENYA**

Dear Sir/Madam,

**RESPONSE LETTER TO DMR SCOPING REPORT ACKNOWLEDGEMENT LETTER (DATED 12 FEBRUARY 2016) FOR THE JENKINS SECTION IRON ORE PROJECT, NORTHERN CAPE**

This letter serves to confirm that COZA Mining (Pty) Ltd (COZA) has received the DMR's Scoping Report acknowledgement letter dated 12 February 2016.

Based on the above, the EIA and EMP Report submission deadline date (in accordance with Section 23(1) and Section 5(3) of Regulation 982 of NEMA) is calculated to be 02 June 2016. This submission date supersedes the date 4 May 2016 submission date provided in the DMR Mining Right Acceptance letter.

We trust the above is in order. Please feel free to contact the undersigned should you have any queries.

Yours faithfully

Caitlin Hird (Project Manager)

*For Synergistics Environmental Services (Pty) Ltd (Part of the SLR group)*

## Mase Rantsieng

---

**From:** Mase Rantsieng  
**Sent:** 24 February 2016 08:48 AM  
**To:** Patricia Makhuvele  
**Cc:** Caitlin Hird  
**Subject:** RE: Response letter | Coza Jenkins Project  
Ref NC30/5/1/2/2/10094MR

Thank you.

Kind regards,

## Mase Rantsieng

Environmental Assessment Practitioner  
SLR Consulting (Africa) (Pty) Ltd

Email: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)  
Mobile: +27 83 764 2596  
Tel: +27 11 467 0945  
Ext: 2041  
Fax: +27 11 467 0978

---

**From:** Patricia Makhuvele [<mailto:Patricia.Makhuvele@dmr.gov.za>]  
**Sent:** 24 February 2016 08:47 AM  
**To:** Mase Rantsieng  
**Subject:** RE: Response letter | Coza Jenkins Project Ref  
NC30/5/1/2/2/10094MR

Good morning

Acknowledge receipt of below mentioned document via email and via the post

## Regards

*Patricia Makhuvele  
Mineral Regulation  
Mine Environmental Section*

*Department of Mineral Resources  
65 Phakamile Mabija Street  
Permanernt Building  
Kimberley  
8301*

*Tel: 057 807 1700/ 071 475 8343  
Fax: 086 7101783*

---

**From:** Mase Rantsieng [<mailto:mrantsieng@slrconsulting.com>]  
**Sent:** Tuesday, February 23, 2016 2:58 PM  
**To:** Patricia Makhuvele; Ephesia Semanya; Machalla Ramaboea  
**Subject:** FW: Response letter | Coza Jenkins Project Ref  
NC30/5/1/2/2/10094MR

Good day,

Could you please confirm your receipt of the attached letters (also sent via post).

Kind regards,

---

**From:** Caitlin Hird  
**Sent:** 16 February 2016 11:09 AM  
**To:** Patricia Makhuvele; [machalla.ramaboea@dmr.gov.za](mailto:machalla.ramaboea@dmr.gov.za);  
[ephesia.semenya@dmr.gov.za](mailto:ephesia.semenya@dmr.gov.za)  
**Cc:** Mase Rantsieng; Kowet, Tabi ([Tabi.Kowet@arcelormittal.com](mailto:Tabi.Kowet@arcelormittal.com));  
[farrell@kimberley.co.za](mailto:farrell@kimberley.co.za); Alex Pheiffer  
**Subject:** Response letter | Coza Jenkins Project Ref NC30/5/1/2/2/10094MR

Good morning Mamikie, Patricia and Machalla.

Please see attached letter in response to correspondence received from the DMR to date. Correspondence received to date (and also attached to this email) includes the Mining Right acceptance letter dated 11 December 2015 and the Scoping Report acknowledgement letter dated 12 February 2016.

The response letter attached (drafted on behalf of Coza Mining (Pty) Ltd) has also been faxed to your Department for your attention.

Kindly confirm your receipt hereof.

Thanks

### **Caitlin Hird**

Environmental Assessment Practitioner  
SLR Consulting (Africa) (Pty) Ltd

Email: [chird@slrconsulting.com](mailto:chird@slrconsulting.com)  
Mobile: +27 84 491 1987  
Tel: +27 11 467 0945  
Ext: 3216  
Fax: +27 11 467 0978

---

**From:** Patricia Makhuvele [<mailto:Patricia.Makhuvele@dmr.gov.za>]  
**Sent:** 12 February 2016 02:08 PM

**To:** Caitlin Hird  
**Subject:** RE: Urgent Enquiry | Coza Jenkins Project Ref NC30/5/1/2/2/10094MR

Hi Caitlin

Can you please check the fax I did sent to you for acknowledgement of your Scoping Report

My scanner was not working but I will try to email to you on Monday

## Regards

*Patricia Makhuvele  
Mineral Regulation  
Mine Environmental Section*

*Department of Mineral Resources  
65 Phakamile Mabija Street  
Permanernt Building  
Kimberley  
8301*

*Tel: 057 807 1700/ 071 475 8343  
Fax: 086 7101783*

---

**From:** Caitlin Hird [<mailto:chird@slrconsulting.com>]  
**Sent:** Thursday, February 11, 2016 3:33 PM  
**To:** Patricia Makhuvele  
**Cc:** Mase Rantsieng  
**Subject:** RE: Urgent Enquiry | Coza Jenkins Project Ref  
NC30/5/1/2/2/10094MR

Good afternoon Patricia

Thank you for making contact with me in this regard.

I look forward to receiving your response before COB tomorrow.

---

**From:** Patricia Makhuvele [<mailto:Patricia.Makhuvele@dmr.gov.za>]  
**Sent:** 11 February 2016 03:19 PM  
**To:** Caitlin Hird  
**Subject:** RE: Urgent Enquiry | Coza Jenkins Project Ref  
NC30/5/1/2/2/10094MR

Good day

Please note that the below query have been attended to, you will receive the respond on your application before end of business tomorrow

## Regards

*Patricia Makhuvele*  
*Mineral Regulation*  
*Mine Environmental Section*

*Department of Mineral Resources*

*65 Phakamile Mabija Street*  
*Permanernt Building*  
*Kimberley*  
*8301*

*Tel: 057 807 1700/ 071 475 8343*  
*Fax:086 7101783*

---

**From:** Raisibe Sekepane  
**Sent:** Thursday, February 11, 2016 10:32 AM  
**To:** Patricia Makhuvele  
**Subject:** FW: Urgent Enquiry | Coza Jenkins Project Ref  
NC30/5/1/2/2/10094MR

Respond on behalf of your subordinate pls

And come take your file

---

**From:** Caitlin Hird [<mailto:chird@slrconsulting.com>]  
**Sent:** 11 February 2016 10:11 AM  
**To:** Raisibe Sekepane  
**Cc:** Machalla Ramaboea; Mase Rantsieng; Alex Pheiffer; Kowet, Tabi  
([Tabi.Kowet@arcelormittal.com](mailto:Tabi.Kowet@arcelormittal.com)); [farrell@kimberley.co.za](mailto:farrell@kimberley.co.za)  
**Subject:** Urgent Enquiry | Coza Jenkins Project Ref NC30/5/1/2/2/10094MR

Good morning Raisibe

I trust you are well. I have just tried to get hold of you via the phone but unfortunately had no luck.



I have been following up with Machalla for some time regarding the DMR acknowledgement of the Coza Jenkins Scoping report, but I unfortunately have not managed to get a response via email and his phone mailbox is full. I do understand that he was away towards the end of January and may still be out of the office, hence making contact with you in the hope that you can help.

Kindly advise as to when we can expect to receive the scoping report acknowledgement letter from your department and that the 106 day deadline by which the EIA/EMP report must be submitted will commence on the date of issue of this letter.

I appreciate your soonest response on this. I'm sure you will appreciate that the new DMR timeframes are not flexible and we need to ensure that we are able to adhere to these.

Many thank

---

**From:** Caitlin Hird  
**Sent:** 09 February 2016 12:56 PM  
**To:** [machalla.ramaboea@dmr.gov.za](mailto:machalla.ramaboea@dmr.gov.za)  
**Cc:** Mase Rantsieng; Alex Pheiffer; [farrell@kimberley.co.za](mailto:farrell@kimberley.co.za); Kowet, Tabi ([Tabi.Kowet@arcelormittal.com](mailto:Tabi.Kowet@arcelormittal.com))  
**Subject:** Urgent Enquiry | Coza Jenkins Project Ref NC30/5/1/2/2/10094MR

Good morning Machalla,

I am unfortunately still not having any success in reaching you by telephone.

Could you please confirm as a matter of urgency when we can expect the Coza Jenkins project scoping report acknowledgement letter from the DMR, and that the deadline for the EIA submission will be 106 days after we receive this scoping acknowledgement letter?

Kindly see thread of emails below (as well as attached submission proofs) outlining the date on which the relevant scoping report was submitted to your department etc. as well as my telephonic conversation with you on 11 January.

We look forward to your soonest response.

Thank you

---

**From:** Caitlin Hird  
**Sent:** 08 February 2016 10:44 AM  
**To:** [machalla.ramaboea@dmr.gov.za](mailto:machalla.ramaboea@dmr.gov.za)  
**Subject:** FW: Enquiry | Ref NC30/5/1/2/2/10094MR

Good morning Machalla,

I have just tried to get hold of you on your office number but it appears that your mailbox is full so I was not able to leave a voice message.

I was just phoning to follow up on my email below.

I look forward to your response.

Thank you

---

**From:** Caitlin Hird  
**Sent:** 05 February 2016 09:49 AM  
**To:** [machalla.ramaboea@dmr.gov.za](mailto:machalla.ramaboea@dmr.gov.za)  
**Cc:** Alex Pheiffer; Mase Rantsieng  
**Subject:** FW: Enquiry | Ref NC30/5/1/2/2/10094MR

Good morning Machalla

I understand that you were away for the last week of January and the first week of February, hence emailing now in the hope that you are back in the office.

According to my project schedule for Coza Jenkins, we should be expecting the scoping report acceptance letter from the DMR today (5<sup>th</sup> February) which is 43 days since the report was submitted to your department (taking

into account that the period of December 15<sup>th</sup> to January 5<sup>th</sup> is excluded from departmental review timeframes).

Could you kindly advise as to when this acceptance letter will be issued, and that the 106 day period by which the EIA must be submitted to the DMR will commence on the day that the scoping acceptance letter is received by SLR.

Many thanks for your time.

---

**From:** Caitlin Hird  
**Sent:** 12 January 2016 04:33 PM  
**To:** [machalla.ramaboea@dmr.gov.za](mailto:machalla.ramaboea@dmr.gov.za)  
**Cc:** Kowet, Tabi ([Tabi.Kowet@arcelormittal.com](mailto:Tabi.Kowet@arcelormittal.com)); Brandon Stobart; [farrell@kimberley.co.za](mailto:farrell@kimberley.co.za); Mase Rantsieng  
**Subject:** Enquiry | Ref NC30/5/1/2/2/10094MR

Good afternoon Machalla,

Further to our conversation on the phone yesterday, thank you for confirming your receipt of the Jenkins Scoping report (Ref NC30/5/1/2/2/10094MR) submitted in hard copy and online (SAMRAD) on 2<sup>nd</sup> December 2015 (proofs thereof attached).

As confirmed by yourself, in the normal course the 43 day DMR review period (which commenced on the 2<sup>nd</sup> December) would exclude the holiday period from 15 December to 5 January in which case the DMR acknowledgement would only be issued in the first week of February. I understand from our conversation however that you will be away at the end of January and beginning of February and will therefore issue the acknowledgement prior to this time.

We look forward to the DMR's formal acknowledgement of the scoping report which indicates that the EIA is to be submitted within 106 days of receipt of such an acknowledgement letter.

Many thanks

## Caitlin Hird

Environmental Assessment Practitioner  
SLR Consulting (Africa) (Pty) Ltd

Email: [chird@slrconsulting.com](mailto:chird@slrconsulting.com)  
Mobile: +27 84 491 1987  
Tel: +27 11 467 0945  
Ext: 3216  
Fax: +27 11 467 0978

SLR Africa (Block 7)  
Fourways Manor Office Park  
Cnr Roos and Macbeth Streets  
Fourways, Johannesburg, 2060  
South Africa



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## Mase Rantsieng

Environmental Assessment Practitioner

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Email: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)

Mobile: +27 83 764 2596

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**BACKGROUND INFORMATION DOCUMENT IN ENGLISH AND AFRIKAANS**

# BACKGROUND INFORMATION DOCUMENT

## COZA IRON ORE PROJECT: JENKINS MINING SECTION

JULY 2015

### INTRODUCTION

COZA Mining (Pty) Ltd (COZA) is planning to develop a new iron ore mine on the farm Jenkins 562 (Refer to Figure 1) The proposed development will be located approximately 24 km south of Kathu within the Tsantsabane Local Municipality in the Northern Cape Province.

Mining at Jenkins Section forms part of the overall COZA Iron Ore Project which is a green-fields project that will involve mining from two other pits located on the farms Driehoekspan 435 (Remaining Extent) Doornpan 445 (Portion 1). The two other projects are known as the COZA Iron Ore Project: Driehoekspan and Doornpan Sections. This document deals with the proposed COZA Iron Ore Project: Jenkins Section. Prior to commencement with construction activities, COZA will need environmental approvals in terms of the following environmental legislation:

- Application for Mining Right in Terms of the Minerals and Petroleum Resources Development Act (No 28 of 2002)
- Application for Environmental Authorisation in Terms of the National Environmental Management Act (No 107 of 1998)
- Application for Waste Management Licence in Terms of the National Environmental Management: Waste Act (No 59 of 2008)
- Application for an Integrated Water Use Licence in Terms of National Water Act (No 36 of 1998).
- Phase 1 Assessment of Heritage Resources in Terms of the National Heritage Resources Act (No 25 of 1999)

COZA appointed Synergistics Environmental Services (part of the SLR Group) as Environmental Consultants to assist with the environmental applications required under South African environmental legislation and to undertake the Environmental Impact Assessment (EIA) process in support of the required applications

### PURPOSE OF THIS DOCUMENT

This Background Information Document (BID) provides initial information to Interested and Affected Parties (IAPs) about the project and environmental processes to be followed.

This document forms the first part of the public consultation process, which is required as part of the environmental application processes. It aims to elicit comments, questions and responses regarding the

project and application processes. This information will be used to inform the environmental assessment to be undertaken as part of the application processes.

### WHAT IS YOUR ROLE?

You have been identified as an IAP who may want to be informed about the COZA Iron Ore Project: Jenkins Section and have input into the environmental assessment process. You are invited to:

1. Register as an IAP for the project ; and
2. To raise concerns and ask questions about the project

Once registered, you will be given the opportunity to provide input through review and comment on environmental reports.

### HOW TO RESPOND AND REGISTER AS AN IAP

Responses to this document can be submitted by means of the attached comments sheet and/or through communication with the person listed below.

If you would like your comments to be addressed in the environmental application processes, please submit them to:

#### Synergistics

Contact: Mase Rantsieng or Zama Khumalo

Tel: (011) 467-0945

Fax: (011) 467-0978

Email: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com) or [zkhumalo@slrconsulting.com](mailto:zkhumalo@slrconsulting.com)

**Responses to this document should be submitted by 6 August 2015.**

# LOCATION OF THE PROJECT AREA

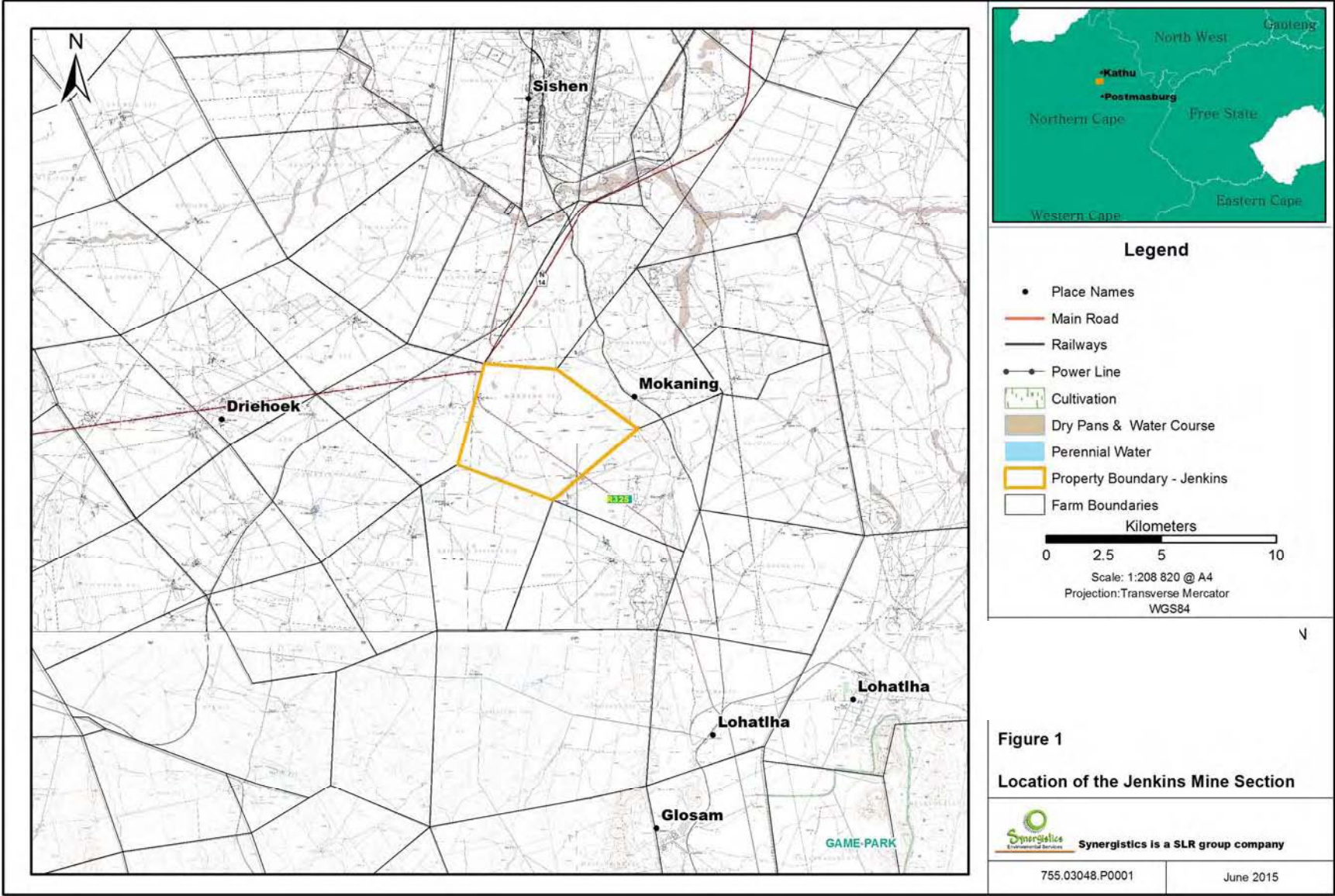


Figure 1: Location of the Jenkins Mine Section

### **MINING METHOD**

The proposed project will comprise the development of an open pit mine on the farm Jenkins (Refer to Figure 2 for Layout). Open pit mining will be undertaken by means of conventional truck and shovel. It is estimated that the pit will reach an average depth of between 80 and 100 m below surface. Topsoil will be stripped and stockpiled and the overburden either will be used for construction of roads and berms or placed on waste rock dumps located near to the pits. At full development the mining on Farm Jenkins is expected to produce approximately 1.2 million tons/annum with an estimated life of mine of approximately 7 years.

### **PROCESSING**

A processing plant will be constructed at the Jenkins Mine Section where crushing, screening and blending activities will be undertaken. The plant will operate in a three stage crushing system with open circuit primary crushing and closed circuit secondary and tertiary crushing. The -32mm product from the crusher will report to the product sizing and storage section where it will be screened to produce a -32mm +8mm lumpy product and a -8mm fines product which will be stockpiled separately. Run of mine (ROM) material will be processed as Direct Selling Ore (DSO) and therefore no further process or tailings facilities will be developed at the mine.

### **TRANSPORTATION**

Two alternatives for the transportation of plant product from the process plant are being investigated. The first option is to construct rail infrastructure at the mine that will link to Transnet Freight Rail's domestic route or to truck ore to existing mines for rail transportation. Ore will be transported to the Vanderbijlpark steel mill. The rail route is approximately 670 km.

### **EMPLOYMENT AND HOUSING**

A construction camp will be established to house construction workers. During operations, workers will be housed in nearby towns. It is estimated that 200 operational jobs will be created at peak production.

### **WATER SUPPLY**

The total water demand for the mine is 122 kl/day. Potable water will be used for domestic and firefighting purposes. Service water will be used for mining operations and dust suppression on haul roads. Service water will be sourced from pit dewatering and portable water will be sourced from boreholes. Service water will be

sourced from pit dewatering and portable water will be sourced from boreholes.

### **WASTE MANAGEMENT**

General and hazardous waste produced at the mine will be temporary stored at the mine prior to disposal at permitted waste management facilities outside of the mine. Waste rock generated from the mining operations will be placed on the waste dumps. The waste dumps will be located close to the pit areas.

Sewage will be directed to the sewage treatment facility which will have capacity to treat 50kl a day of sewage. Effluent from the sewage treatment plant will be pumped to the pollution control dam for re-use.

### **POWER SUPPLY**

The Jenkins facility will be supplied via a bulk power supply from Eskom. Coza is investigating alternative substations from where power will be sourced. These include the BKM which is situated approximately 10km North-West of the site and the Bulkop substation located approximately 12 km South-East to the site and the Lylyveld substation located approximately 15 km North-East from the site. Provision has been made to install a 132/22kV 10MVA transformer at one of these substations. From the substation a 22kV overhead wood pole line would be installed to Jenkins.

### **SUPPORTING INFRASTRUCTURE REQUIREMENTS**

Other support infrastructure at the mine will comprise:

- Administration buildings
- Fuel and water supplies
- Pollution dams
- Access service and haulage roads and
- Storm water management Infrastructure including pollution control dams
- Explosives magazine

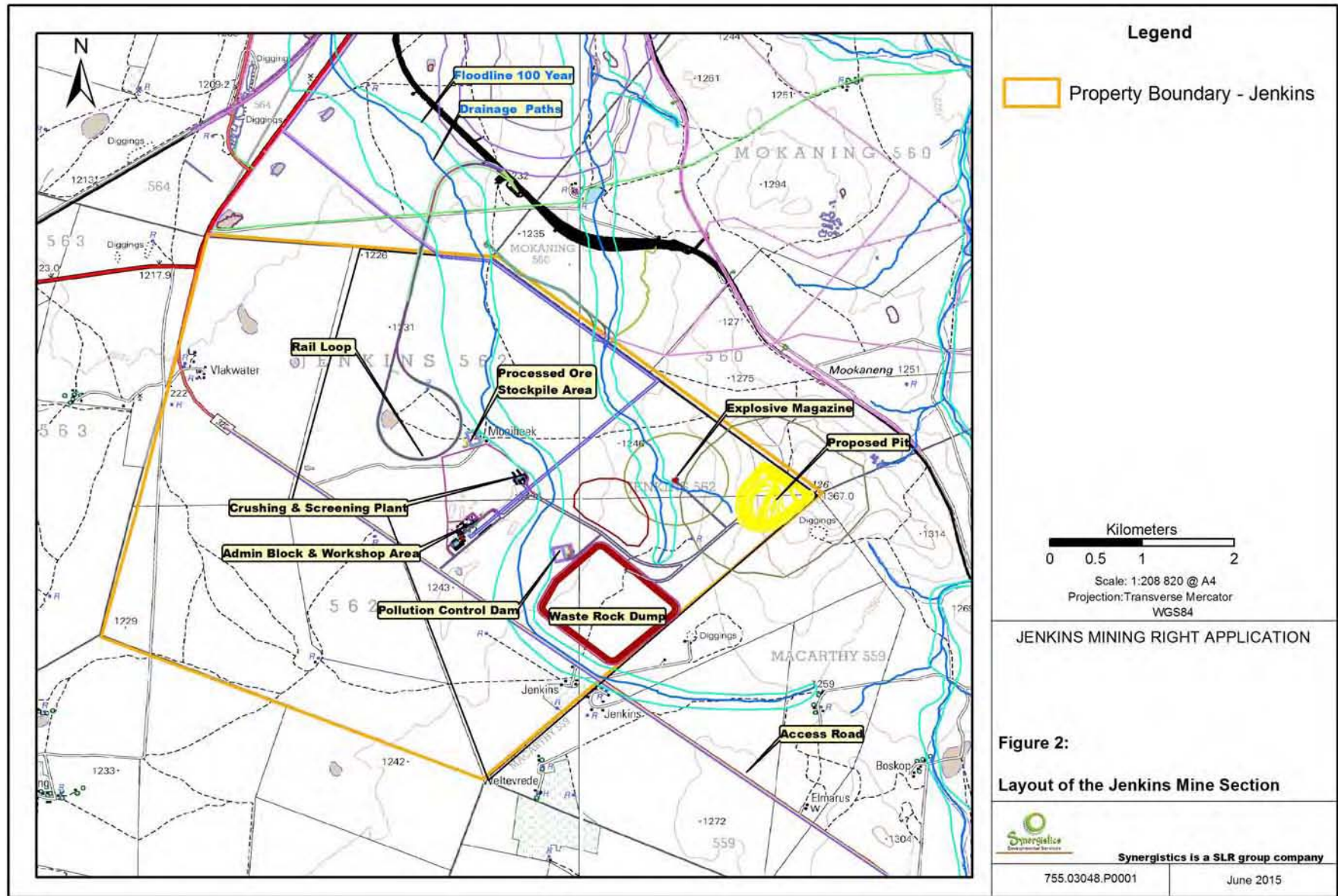


Figure 2: Layout of the Jenkins Mine Section



## ENVIRONMENTAL APPLICATION PROCESSES

An integrated EIA process, taking cognisance of the requirements of the NEMA, the MPRDA, the NWA and NEM:WA will be undertaken complemented by a combined public participation (PP) process.

An EIA is a study that is undertaken to determine the effect that a planned operation will have on the environment and surrounding communities. Once the impact is known, mitigatory measures can be developed. The EIA process consists of a scoping and impact assessment phase.

### SCOPING

Scoping involves the identification of environmental issues and concerns. Public input is a key component of the scoping phase of the assessment. During the scoping process the plan of study for the EIA is determined with the terms of reference for the different environmental aspects to be investigated.

### ENVIRONMENTAL IMPACT ASSESSMENT

This involves the review of available project and environmental information to identify the potential environmental impact and to assess the level of significance thereof. Specialists will be involved to provide expert opinion on the above. This assessment will include specialist studies to assist in predicting the impact on air quality, groundwater, surface water, ecology, noise, visual, traffic, heritage resources and the socio-economic environment.

The findings of the impact assessment and the proposed measures identified to mitigate any negative effects will be documented in an Environmental Impact Report. The findings will be presented and discussed with the public and the draft report and final report will be made available for public comment.

### ENVIRONMENTAL MANAGEMENT PROGRAMME

An environmental management programme (EMPR) will be developed. This is aimed at addressing identified impacts and developing mitigation measures to reduce environmental risks to acceptable levels. Recommendations of the specialists are used to assist in developing the EMPR

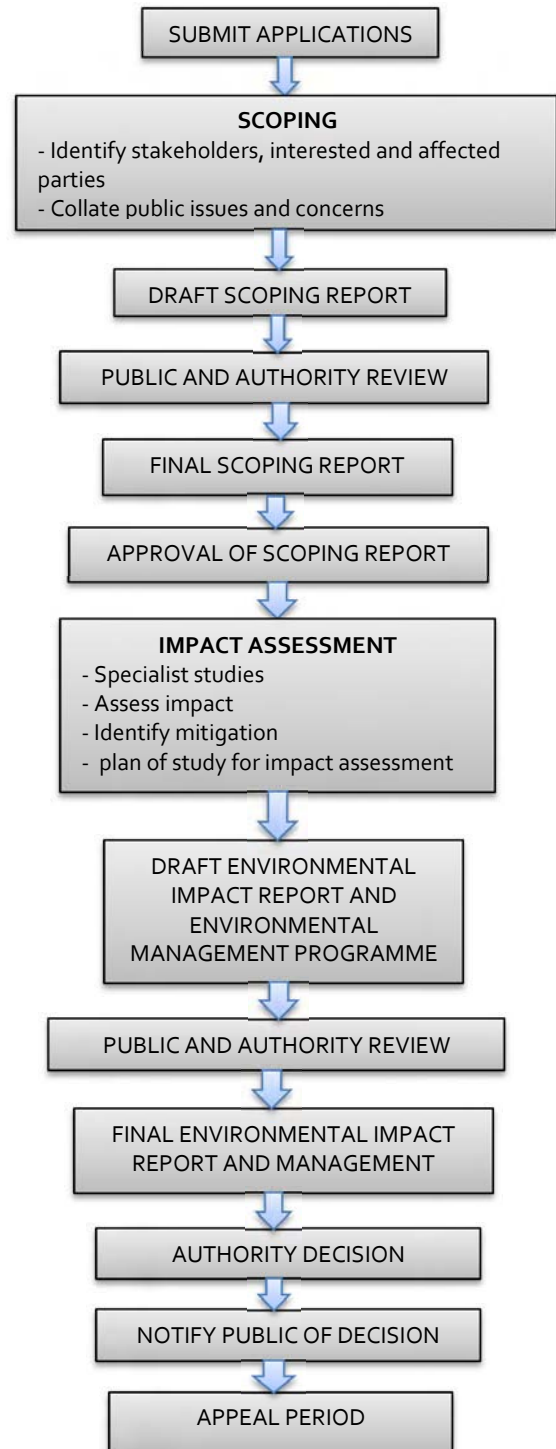


Figure 3: Environmental Application Process

## OVERVIEW OF THE BASELINE ENVIRONMENT AND POTENTIAL ENVIRONMENTAL ISSUES

The study area is within a rural district zoned for agricultural use. The dominant land use in and around the study area is livestock farming. Due to the arid nature of the climate, intensive commercial agriculture is not possible. There are two vegetation types present in the study areas, namely Kuruman Thornveld and Kathu Bushveld. The vegetation units will be detailed further during the field survey for the EIA.

The project site is located within the quaternary catchment D41J of the Lower Vaal Management Area which falls within the Orange River Basin. Rainfall in this system does not normally exit the catchment as surface flow, but rather as evaporation and seepage. The area is in a semi-arid environment with annual precipitation of 323 mm a mean annual runoff of zero due to the endorheic nature of the catchment. Drainage lines have been located near the site. The groundwater quality within quaternary catchment D41J is of a generally good quality. The water users in the area are farmers, mines and communities. The farmers rely heavily on groundwater for domestic and agricultural activities. Some potable water in the area is supplied by Sedibeng Water's Vaal Gamagara Pipeline.

Current potential air emissions sources within the study area include mining and agricultural activities, dust emissions from the use of gravel access roads, vehicle exhaust emissions. The baseline noise level in the area is expected to be typical of a rural area. Detailed baseline environmental information will be contained in the Environmental Impact Assessment Report.

### POTENTIAL ENVIRONMENTAL IMPACT

Table 1 below presents the potential environmental impacts that will need to be further investigated during the assessment process:

**Table 1: Potential Environmental Impacts**

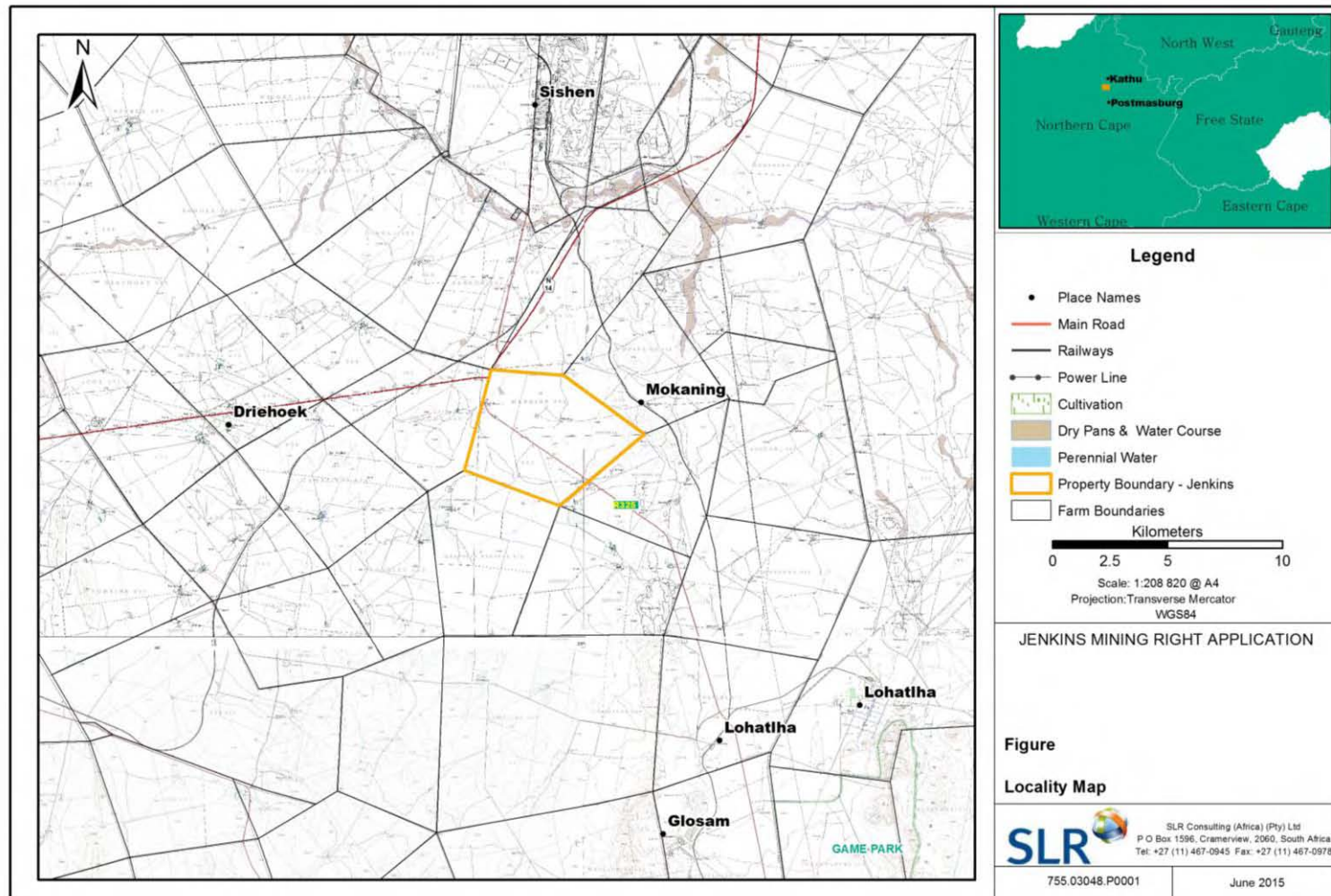
POTENTIAL ISSUES		STUDY TEAM
<b>BIODIVERSITY</b>	<ul style="list-style-type: none"> <li>▪ Potential disturbance and destruction of biodiversity throughout the life of the mine</li> </ul>	Scientific Aquatic Services
<b>AIR QUALITY</b>	<ul style="list-style-type: none"> <li>▪ Potential decrease in ambient air quality due to dust and other potential air emissions generated during the construction, operational and decommissioning phase of the proposed project.</li> </ul>	Airshed Planning Professionals
<b>TRAFFIC</b>	<ul style="list-style-type: none"> <li>▪ Potential decrease in road safety at the entrances to the site.</li> <li>▪ Potential impact on road conditions from increased traffic.</li> </ul>	TTT Africa
<b>SURFACE WATER</b>	<ul style="list-style-type: none"> <li>▪ Potential contamination of storm water due to stockpiling/spillage of ore, waste management and handling of hazardous material.</li> <li>▪ Disturbance of drainage lines due to mining activities</li> </ul>	Jeffares and Green
<b>GROUNDWATER</b>	<ul style="list-style-type: none"> <li>▪ Potential contamination of groundwater due to stockpiling/spillage of ore, waste management and handling of hazardous material</li> </ul>	Groundwater Complete
<b>NOISE</b>	<ul style="list-style-type: none"> <li>▪ Potential for the generation of noise for surrounding land owners/users due to mining and associated activities such as blasting and railway transport.</li> </ul>	Airshed and SLR
<b>VISUAL</b>	<ul style="list-style-type: none"> <li>▪ Potential visual intrusion for surrounding land owners/users due to ore stockpiles and waste rock dumps</li> </ul>	SLR
<b>SOILS</b>	<ul style="list-style-type: none"> <li>▪ Loss of topsoil due to soil stripping</li> <li>▪ Loss of soils due to contamination</li> </ul>	Arc Institute for Soil, climate and water
<b>BLASTING</b>	<ul style="list-style-type: none"> <li>▪ Potential disturbance of surrounding landowners due to blasting activities</li> </ul>	SLR
<b>HERITAGE</b>	<ul style="list-style-type: none"> <li>▪ Potential disturbance of heritage resources during excavations</li> </ul>	PGS Consulting
<b>LANDUSE</b>	<ul style="list-style-type: none"> <li>▪ Loss of current land use</li> </ul>	Demacon Market Studies
<b>SOCIO-ECONOMIC</b>	<ul style="list-style-type: none"> <li>▪ Positive socio-economic impact through job creation.</li> </ul>	SLR



**SITE NOTICES IN ENGLISH AND AFRIKAANS AND PHOTOS OF THE SITE NOTICES**

# COZA IRON ORE PROJECT: JENKINS MINE SECTION

## NOTICE OF APPLICATION FOR A MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND WATER USE LICENCE



COZA Mining (Pty) Ltd (COZA) is planning to develop a new iron ore mine on farm Jenkins 562. The proposed development will be located approximately 24 km south of Kathu within the Tsantsabane Local Municipality in the Northern Cape Province.

The mining of the Jenkins Section forms part of the overall COZA Iron Ore Project which is a green-fields project that will involve mining from two other pits located on the farms Driehoekspan 435 (Remaining Extent) Doornpan 445 (Portion 1). The two other projects are known as the COZA Iron Ore Project: Driehoekspan and Doornpan Sections. This poster deals with the development of the proposed COZA Iron Ore Project: Jenkins Section.

The proposed project will comprise the development of an open pit mine on farm Jenkins. Mining will be undertaken by means of truck and shovel. It is estimated that the pit will reach an average depth of between 80 and 100 m below surface. Topsoil will be stripped and stockpiled and the overburden either will be used for construction of roads and berms or placed on waste rock dumps located near to the pits. At full development the mining on Farm Jenkins is expected to produce approximately 1.2 million tons/annum with an estimated life of mine of approximately 7 years.

A number of environmental approvals will be required for the mining right application on Farm Driehoekspan and Thaakwaneng prior to commencement with mining. A Scoping and Environmental Impact Assessment process as stipulated in the 2014 EIA Regulations (GNR 982 of 4 December 2014) will be undertaken in support of the environmental approvals. Notice is hereby given in terms of the legislation listed below of the various environmental approvals required prior to the commencement of mining development:

Legislation	Listed Activities (preliminary)	Competent Authority
Minerals and Petroleum Resources Development Act (Act No 28 of 2002) (MPRDA)	Mining Right Application no listed activities	Department of Mineral Resources.
National Environmental Management Act (Act No 107 of 1998). (NEMA)	Government Notice GNR 983 Activities (1, 9, 10, 12, 13, 19, 24, 50, 56), GNR 984 Activities 11, 21, 6, 4, 16, 28, 15,16)	Department of Mineral Resources (
National Water Act, (Act No 36 of 1998) (NWA)	Section 21 (a), (b), (c), (f), (g), (i) and (j)	Department of Water Affairs:
National Environmental Management: Waste Act (Act No 59 of 2008) (NEMWA)	GRN 921 of NEM:WA Category B Activity 7	Department of Mineral Resources

Please contact Synergistics (now part of SLR) for a detailed description of listed activities

### PUBLIC COMMENT ENCOURAGED

Synergistics Environmental Services (Pty) Ltd now part of SLR has been appointed as independent environmental consultants responsible for undertaking the necessary environmental work and conducting the public participation process for the project. Should you wish to receive detailed information on the proposed project or register as an Interested and Affected Party (IAP) please contact us on the details provided below:

Contact Person: Mase Rantsieng

Email: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)

Tel: 011 467 0945

Fax: 011 467 0978

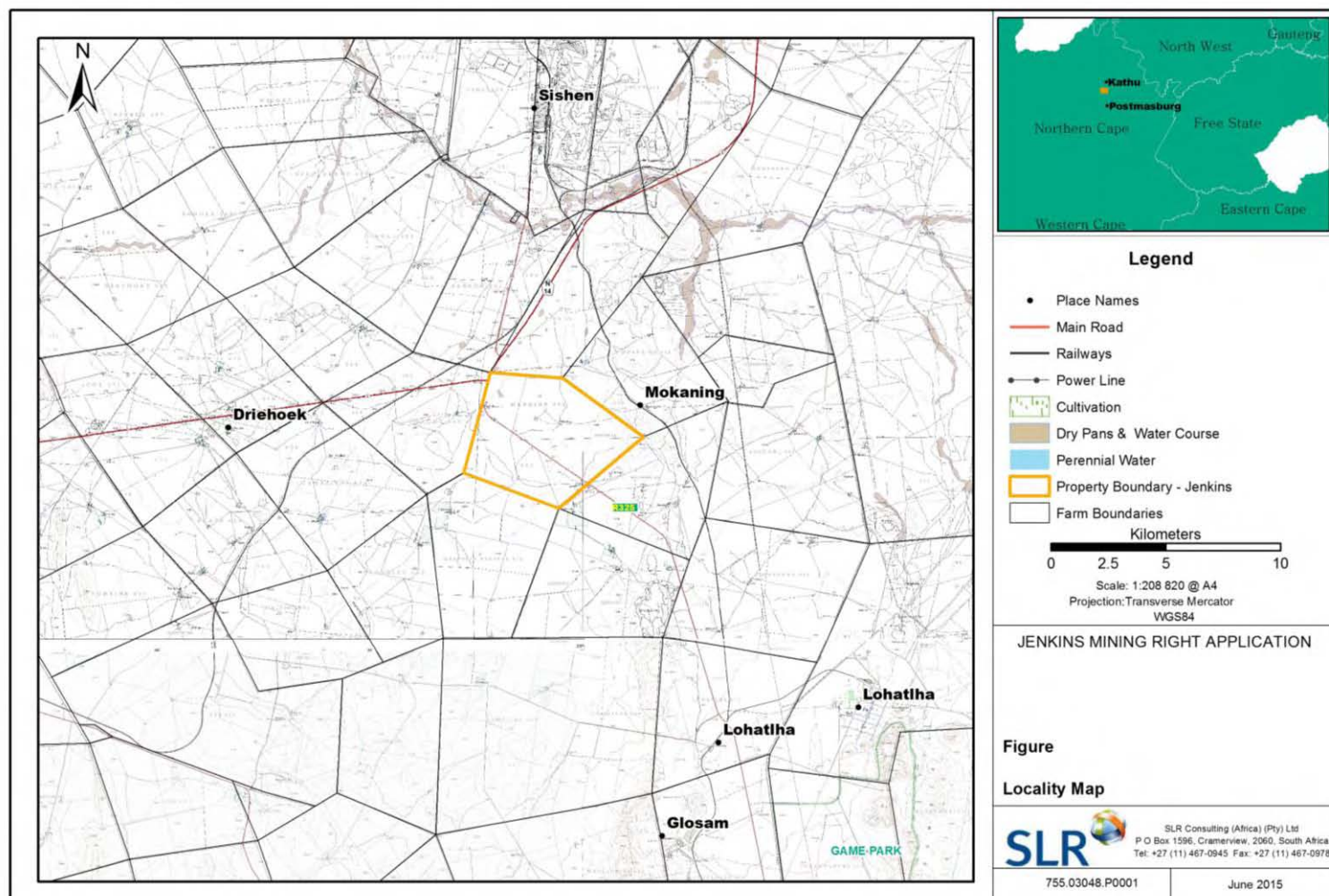
PO Box: P o box 1596, Cramerview, 2060

PLEASE RESPOND TO THIS SITE NOTICE BY 17 JULY 2015



# COZA YSTERERTSPROJEK: JENKINS MYN AFDELING

## KENNISGEWING VAN AANSOEK OM 'N MYN REG, OMGEWINGSMAGTIGING, AFVALBESTUURSLISENSIE EN WATERGEBRUIKSLISENSIE TE DOEN



COZA Mining (Edms) Bpk (COZA) is van plan om 'n nuwe ysterertsmyn op plaas Jenkins 562 te ontwikkel. Die voorgestelde ontwikkeling sal gevestig word ongeveer 24 km suid van Kathu in die Plaaslike Munisipaliteit Tsantsabane in die Noord-Kaap Provinsie.

Die ontginning van die Jenkins Afdeling vorm deel van die algehele COZA ysterertsprojek wat 'n groen-velde projek is wat mynbou behels van twee ander putte geleë op die plase Driehoekspan 435 (Restant) Doornpan 445 (Gedeelte 1). Die ander twee projekte is bekend as die COZA ysterertsprojek: Driehoekspan en Doornpan afdeling. Hierdie plakkaat handel oor die ontwikkeling van die voorgestelde COZA ysterertsprojek: Jenkins afdeling.

Die voorgestelde projek sal die ontwikkeling van 'n oopgroefmyn op die plaas Jenkins bestaan. Ontginning sal gedoen word deur wyse van die trek en graaf. Daar word beraam dat die myn put 'n gemiddelde diepte van tussen 80 en 100 m onder die oppervlak sal bereik. Bogrond sal gestroop en versamel word en die bolaag sal gebruik word vir die bou van paaie en berms of op afval rotshope geleë word naby die myn put. Op volle ontwikkeling van die mynbou op Farm Jenkins is dit verwag dat ongeveer 1.2 miljoen ton / jaar geproduseer sal word met 'n geskatte lewe van myn van ongeveer 7 jaar.

'N aantal omgewings goedkeurings sal vereis word vir die mynreg aansoek op Plaas Driehoekspan en Thaakwaneng voor die aanvang van die myn. 'N Bestekopname en Omgewingsimpakstudie proses soos bepaal in die 2014 OIB-regulasies (GNR 982 van 4 Desember 2014) sal deel vorm van die ondersteuning van die omgewing goedkeurings. Kennis is hierby gegee in terme van die onderstaande van die verskillende omgewings goedkeurings wat vereis word vir die inwerkingtrede van die mynbou-ontwikkeling lys die volgende wetgewing:

Wetgewing	Gelyste aktiwiteite (voorlopige)	Bevoegde owerheid
Minerals and Petroleum Resources Development Act (Act No 28 of 2002) (MPRDA)	Aansoek vir mynbouregte nie gelyste aktiwiteite	Departement van Minerale Hulpbronne.
National Environmental Management Act (Act No 107 of 1998). (NEMA)	Goewermenskennisgewing GNR 983 aktiwiteite (1, 9, 10, 12, 13, 19, 24, 50, 56), GNR 984 aktiwiteite 11, 21, 6, 4, 16, 28, 15,16)	Departement van Minerale Hulpbronne
National Water Act, (Act No 36 of 1998) (NWA)	Gedeelte 21 (a), (b), (c), (f), (g), (i) en (j)	Departement van Waterwese
National Environmental Management: Waste Act (Act No 59 of 2008) (NEMWA)	GRN 921 van NEM:WA Kategorie B Aktiwiteit 7	Departement van Minerale Hulpbronne

Kontak asseblief Synergistics (nou deel van SLR) vir 'n gedetailleerde beskrywing van gelyste aktiwiteite

### OPENBARE KOMMENTAAR AANGEMOEDIG

Synergistics Environmental Services (Pty) Ltd nou deel van SLR is aangestel as onafhanklike omgewingskonsultante wat verantwoordelik is vir die uitvoering van die nodige omgewing werk en die uitvoering van die proses van openbare deelname vir die projek. Indien u verkies om inligting te ontvang oor die voorgestelde projek of registreer as 'n Belanghebbende en Geaffekteerde Party (IAP) kontak ons asseblief op die besonderhede hieronder:

**Kontak Persoon: Mase Rantsieng**

**Epos: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)**

**Tel: 011 467 0945**

**Faks: 011 467 0978**

**Posbus: Posbus 1596, Cramerview, 2060**

**BEANTWOORD ASSEBLIEF HIERDIE KENNISGEWING VOOR 17 JULIE 2015**











# COZA YSTERERTSPROJEK: JENKINS MYN AFDELING

## KENNISGEWING VAN AANSOEK OM 'N MYN REG, OMGEWINGSMAGTIGTING, AFVALBESTUURSLISENSIE EN WATERGEBRUIKSLISENSIE TE DOEN



### OPENBAAR TOEGANGSAAR AANGELEGDEIG

Sydney Valley Environmental Services (Pty) Ltd. (SLV) is aangestel as oorsake van die ontwikkeling van die projek. SLV is verantwoordelik vir die voorbereiding van die omgewingsmaaktigting, afvalbestuurslisenis en watergebruikslisenis. Die projek is 'n ysterertsmyning en die ontwikkeling van die omgewingsmaaktigting, afvalbestuurslisenis en watergebruikslisenis is 'n belangrike deel van die projek. Die projek is 'n ysterertsmyning en die ontwikkeling van die omgewingsmaaktigting, afvalbestuurslisenis en watergebruikslisenis is 'n belangrike deel van die projek.

**Kontak/Contact:** Mase Rantziang  
**Epos:** mase@slv.co.za  
**Tel:** 011 467 0945  
**Faks:** 011 467 0978  
**Posbus:** Postbus 1586, Craemerivier, 2090

BEANTWOORDE ASSEBLIEF HERDIE KENNISGEWING VOOR 17 JULI 2015



COZA Mining (Edms) Bpk (COZA) is van plan om 'n nuwe ysterertsmyn op plaas Jenkins 552 te ontwikkel. Die voorgestelde ontwikkeling sal geleë word ongeveer 24 km suid van Kathu in die Phuthiatsi Munisipaliteit, Tsimbatsane in die Noord-Kaap Provinsie.

Die ontginning van die leë, vlakke Afdeling vorm deel van die algemene COZA ysterertspreekprojek wat 'n groen-veldprojek is wat mynbou behels. Die mynbou sal ongeveer 1000 ha beslaan en sal ongeveer 435 (Rietland) Doornpan 445 (Gashoeb 1). Die ander twee projekte is beplan as die COZA ysterertspreekprojek. Die ontwikkeling van die mynbou sal ongeveer 1000 ha beslaan en sal ongeveer 435 (Rietland) Doornpan 445 (Gashoeb 1) vorm.

Die voorgestelde projek sal die ontwikkeling van 'n oopvulmyn op die reeds bestaande gebied behels. Ontginning sal ongeveer 800 tot 1000 m onder die oppervlakte van die myn sal 'n gemiddelde diepte van ongeveer 80 tot 100 m onder die oppervlakte behels. Die mynbou sal ongeveer 435 (Rietland) Doornpan 445 (Gashoeb 1) vorm. Die ander twee projekte is beplan as die COZA ysterertspreekprojek. Die ontwikkeling van die mynbou sal ongeveer 1000 ha beslaan en sal ongeveer 435 (Rietland) Doornpan 445 (Gashoeb 1) vorm.

Die voorgestelde projek sal die ontwikkeling van 'n oopvulmyn op die reeds bestaande gebied behels. Ontginning sal ongeveer 800 tot 1000 m onder die oppervlakte van die myn sal 'n gemiddelde diepte van ongeveer 80 tot 100 m onder die oppervlakte behels. Die mynbou sal ongeveer 435 (Rietland) Doornpan 445 (Gashoeb 1) vorm. Die ander twee projekte is beplan as die COZA ysterertspreekprojek. Die ontwikkeling van die mynbou sal ongeveer 1000 ha beslaan en sal ongeveer 435 (Rietland) Doornpan 445 (Gashoeb 1) vorm.

Wetgewing	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)
Mineral and Petroleum Resources Act (Act No. 28 of 2002) (MPRDA)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)
National Environmental Management Act (Act No. 107 of 1998) (NEMA)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)
National Water Act (Act No. 36 of 1998) (NWA)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)
National Environmental Management: Waste Act (Act No. 93 of 2008) (NEMWA)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)	Soektoek (Myn) (Myn) (Myn)

# COZA IRON ORE PROJECT: JENKINS MINE SECTION

## NOTICE OF APPLICATION FOR A MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND WATER USE LICENCE



COZA Mining (Pty) Ltd (COZA) is planning to develop a new iron ore mine on farm Jenkins 552. The proposed development will be located approximately 24 km south of Kathu, within the Tsimbatsane Local Municipality in the Northern Cape Province.

The mining of the Jenkins Section forms part of the overall COZA Iron Ore Project which is a green-field project that will involve mining from two other pits located on the farms Doornpan 435 (Remaining East) Doornpan 445 (Portion 1). The two other projects are known as the COZA Iron Ore Project: Doornpan and Doornpan Sections. This poster deals with the development of the proposed COZA Iron Ore Project: Jenkins Section.

The proposed project will comprise the development of an open pit mine on farm Jenkins. Mining will be undertaken by means of truck and shovel. It is estimated that the pit will reach an average depth of between 80 and 100 m below surface. Topsoil will be stripped and stockpiled and the overburden earth will be used for construction of roads and berms or placed on waste rock dumps located near to the pits. At full development the mining on Farm Jenkins is expected to produce approximately 1.2 million tonne annum with an estimated life of mine of approximately 7 years.

A number of environmental approvals will be required for the mining right application on Farm Doornpan and Thakwani prior to commencement with mining. A Scoping and Environmental Impact Assessment process as stipulated in the 2014 EIA Regulations (GNR 582 of 4 December 2014) will be undertaken in support of the environmental approvals. Notice is hereby given in terms of the legislation listed below of the various environmental approvals required prior to the commencement of mining development.

Legislation	Listed Activities (preliminary)	Competent Authority
Mineral and Petroleum Resources Act (Act No. 28 of 2002) (MPRDA)	Mining Right Application to listed activities	Department of Mineral Resources
National Environmental Management Act (Act No. 107 of 1998) (NEMA)	Government Notice GNR 583 Activities 11.9.10, 12.13.13, 24.50.50, GNR 584 Activities 11.21.6.4, 16.28.14.16, Section 21 (a), (b), (c), (d), (e) and (f)	Department of Mineral Resources
National Water Act (Act No. 36 of 1998) (NWA)	GNR 587 of NEMA Category 7 Activity 7	Department of Water Affairs
National Environmental Management: Waste Act (Act No. 93 of 2008) (NEMWA)	GNR 587 of NEMA Category 7 Activity 7	Department of Mineral Resources

### PUBLIC COMMENT ENCOURAGED

Syngetics Environmental Services (Pty) Ltd now part of SLR has been appointed as independent environmental consultants responsible for undertaking the necessary environmental work and conducting the public participation process for the project. Should you wish to receive detailed information on the proposed project or register as an interested and Affected Party (IAP) please contact us on the details provided below:

**Contact Person:** Mase Rantziang  
**Email:** mase@slv.co.za  
**Tel:** 011 467 0945  
**Fax:** 011 467 0978  
**PO Box:** P o box 1586, Craemerivier, 2090

PLEASE RESPOND TO THIS SITE NOTICE BY 17 JULY 2015





BURGERSENTRUM

NOTICE

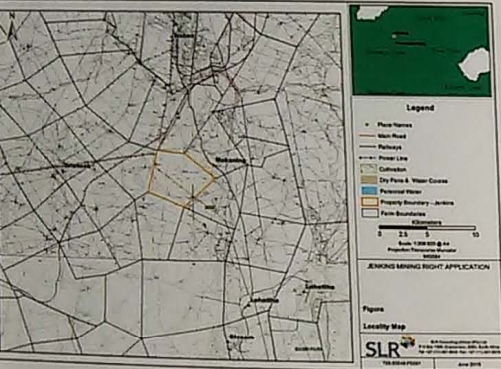
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## COZA IRON ORE PROJECT: JENKINS MINE SECTION

### NOTICE OF APPLICATION FOR A MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND WATER USE LICENCE



COZA Mining (Pty) Ltd (COZA) is planning to develop a new iron ore mine on farm Jenkins 562. The proposed development will be located approximately 24 km south of Kathu within the Tsantsabane Local Municipality in the Northern Cape Province.

The mining of the Jenkins Section forms part of the overall COZA Iron Ore Project which is a green-fields project that will involve mining from two other pits located on the farms Driehoekspan 435 (Remaining Extent) Doornpan 445 (Portion 1). The two other projects are known as the COZA Iron Ore Project: Driehoekspan and Doornpan Sections. This poster deals with the development of the proposed COZA Iron Ore Project: Jenkins Section.

The proposed project will comprise the development of an open pit mine on farm Jenkins. Mining will be undertaken by means of truck and shovel. It is estimated that the pit will reach an average depth of between 80 and 100 m below surface. Topsoil will be stripped and stockpiled and the overburden either will be used for construction of roads and berms or placed on waste rock dumps located near to the pits. At full development the mining on Farm Jenkins is expected to produce approximately 1.2 million tons/annum with an estimated life of mine of approximately 7 years.

A number of environmental approvals will be required for the mining right application on Farm Driehoekspan and Thakwaling prior to commencement with mining. A Scoping and Environmental Impact Assessment process as stipulated in the 2014 EIA Regulations (GNR 982 of 4 December 2014) will be undertaken in support of the environmental approvals. Notice is hereby given in terms of the legislation listed below of the various environmental approvals required prior to the commencement of mining development:

Legislation	Listed Activities (preliminary)	Competent Authority
Minerals and Petroleum Resources Development Act (Act No 28 of 2002) (MPRDA)	Mining Right Application no listed activities	Department of Mineral Resources.
National Environmental Management Act (Act No 107 of 1998) (NEMA)	Government Notice GNR 563 Activities (1, 9, 10, 12, 13, 19, 24, 50, 56), GNR 584 Activities 11, 21, 6, 4, 16, 28, 15, 16)	Department of Mineral Resources
National Water Act, (Act No 36 of 1998) (NWA)	Section 21 (a), (b), (c), (f), (g), (i) and (j)	Department of Water Affairs.
National Environmental Management Waste Act (Act No 59 of 2008) (NEMWA)	GRN 921 of NEMWA Category B Activity 7	Department of Mineral Resources

Please contact Synergetics (now part of SLR) for a detailed description of listed activities



### PUBLIC COMMENT ENCOURAGED

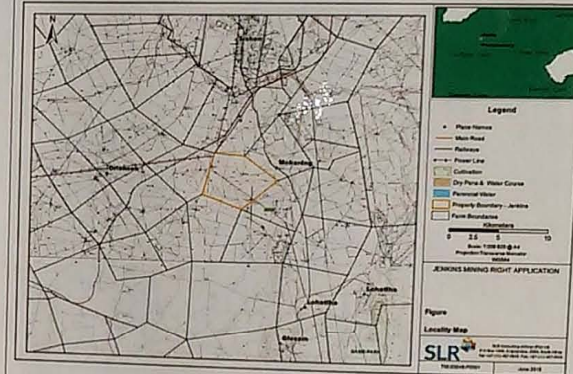
Synergetics Environmental Services (Pty) Ltd now part of SLR has been appointed as independent environmental consultants responsible for undertaking the necessary environmental work and conducting the public participation process for the project. Should you wish to receive detailed information on the proposed project or register as an interested and affected Party (IAP) please contact us on the details provided below:

Contact Person: Mase Rantsieng  
 Email: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)  
 Tel: 011 467 0945  
 Fax: 011 467 0978

PLEASE RESPOND TO THIS SITE NOTICE BY 17 JULY 2015

## COZA YSTERERTSPROJEK: JENKINS MYN AFDELING

### KENNISGEWING VAN AANSOEK OM 'N MYN REG, OMGEWINGSMAGTING, AFVALBESTUURLIENSIE EN WATERGEBRUIKSLIENSIE TE DOEN



COZA Mining (Edms Bpk (COZA) is van plan om 'n nuwe ysterertsgruwan-waarde projek te ontwikkel op twee ander putte 435 (Restant) Doornpan 445 (Gedeelte 1). Die ander twee ysterertsprojekte: Driehoekspan en Doornpan afdeling. Hierdie plaaslike van die voorgestelde COZA ysterertsprojek: Jenkins afdeling.

Die ontginning van die Jenkins Afdeling vorm deel van die algemene groen-veldprojek wat mynbou behels van twee ander putte 435 (Restant) Doornpan 445 (Gedeelte 1). Die ander twee ysterertsprojekte: Driehoekspan en Doornpan afdeling. Hierdie plaaslike van die voorgestelde COZA ysterertsprojek: Jenkins afdeling.

Die voorgestelde projek sal die ontwikkeling van 'n opgroefmyn omvat. Die ontwikkeling sal deur die mynbou van die myn gemaakte gemiddelde diepte van tussen 80 en 100 m onder die oppervlakte versamel word en die balaag sal gebruik word vir die bou van paaie geleë word naby die myn put. Op volle ontwikkeling van die mynbou dat ongeveer 1.2 miljoen ton / jaar geproduseer sal word met 'n ongeveer 7 jaar.

'N aantal omgewings goedkeuringe sal vereis word vir die myning en Thakwaling voor die aanvang van die myn. 'N Bestekproses proses soos bepaal in die 2014 OIG-regulasies (GNR 982 van 4 Desember die ondersteuning van die omgewing goedkeuringe. Kennis is hieronderstaande van die verskillende omgewings goedkeuringe inwerkingtreding van die mynbou-ontwikkeling lys die volgende wetgewing:

Wetgewing	Gelyste aktiwiteite (voorlopige)
Minerals and Petroleum Resources Development Act (Act No 28 of 2002) (MPRDA)	Aansoek vir mynbouregte nie gelyste aktiwiteite
National Environmental Management Act (Act No 107 of 1998) (NEMA)	Doewermtiensreguleer GNR 563 aktiwiteite (1, 9, 10, 12, 13, 19, 24, 50, 56), GNR 584 aktiwiteite 11, 21, 6, 4, 16, 28, 15, 16)
National Water Act, (Act No 36 of 1998) (NWA)	Gedeelte 21 (a), (b), (c), (f), (g), (i) en (j)
National Environmental Management Waste Act (Act No 59 of 2008) (NEMWA)	GRN 921 van NEMWA Kategorie B Afdeling 7

Kontak asseblief Synergetics (nou deel van SLR) vir 'n gedetailleerde beskrywing van gelyste aktiwiteite

### OPENBARE KOMMENTAAR AANGEMOEDIG

Synergetics Environmental Services (Pty) Ltd nou deel van SLR is aangestel as onafhanklike omgewingskonsultante wat verantwoordelik is vir die uitvoering van die nodige omgewing werk en die uitvoering van die proses van openbare deelname vir die projek. Indien u verkies om inligting te ontvang oor die voorgestelde projek of registreer as 'n Belanghebbende en Geaffekteerde Party (IAP) kontak ons asseblief op die besonderde Hieronder:


Kontak Persoon: Mase Rantsieng  
 Epos: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)  
 Tel: 011 467 0945  
 Faks: 011 467 0978

Posbus: Posbus 1596, Cramerview, 2060

BEANTWOORD ASSEBLIEF HIERDIE KENNISGEWING VOOR 17 JULIE 2015

### COZA IRON ORE PROJECT: JENKINS MINE SECTION

#### NOTICE OF APPLICATION FOR A MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND WATER USE LICENCE



COZA Mining (Pty) Ltd (COZA) is applying to the Department of Mineral Resources and Energy (DMRE) for a mining right, an environmental authorisation, a waste management licence and a water use licence for the proposed COZA Iron Ore Project in the Free State Province.

The mining of the iron ore is part of the proposed COZA Iron Ore Project which is a joint venture project that will involve mining from two other sites located on the same farm (Dedering 431, Dedering 432, Dedering 433 and Dedering 434) and the proposed COZA Iron Ore Project. This paper provides the environmental and social impact assessment for the proposed COZA Iron Ore Project.

The proposed project will involve the development of an open pit mine on the farm, mining of the iron ore and the processing of the iron ore. It is estimated that the pit will reach a maximum depth of between 80 and 100 m below surface. The pit will be excavated and the construction will be for the construction of roads and buildings or ground in areas that have been used for the pit. At all stages the mining of iron ore is expected to produce approximately 1.2 million tonnes of iron ore per annum.

A number of environmental approvals will be required for the mining right application, the environmental authorisation and the waste management licence. The environmental authorisation application will be submitted to the Department of Environmental Affairs (DEA) and the waste management licence application will be submitted to the Department of Water and Sanitation (DWS).

Legislation	Lead/Responsible Authority	Competent Authority
Mineral and Petroleum Resources Development Act (MPRDA) of 2002	Mineral and Petroleum Resources Development Act (MPRDA)	Department of Mineral Resources and Energy
National Environmental Management Act (NEMA) of 2002	National Environmental Management Act (NEMA)	Department of Environmental Affairs
Water Act of 1956	Water Act of 1956	Department of Water and Sanitation
Waste Management Act of 1994	Waste Management Act of 1994	Department of Water and Sanitation

**PUBLIC COMMENT ENCOURAGED**

Stakeholders are encouraged to comment on the proposed project and the environmental and social impact assessment. Comments should be submitted to the project manager at the address below. Comments will be considered and will influence the final decision on the project.


**Project Manager: Waste Recycling**  
 Email: [2020000000@slr.com](mailto:2020000000@slr.com)  
 Tel: 011 487 8840  
 Fax: 011 487 8870

SLR

PLEASE RESPOND TO THIS NOTICE BY 17 JULY 2013

### COZA YSTERERTSPROEJ: JENKINS MYN AFDELING

#### KENNISGEWING VAN AANSOEK OM 'N MYN REG, OMGEWINGSMAGTIGING, AFVALBESTUURSLISENSIE EN WATERGEBRUIKSLISENSIE TE DOEN



COZA Mining (Pty) Ltd (COZA) is applying to the Department of Mineral Resources and Energy (DMRE) for a mining right, an environmental authorisation, a waste management licence and a water use licence for the proposed COZA Iron Ore Project in the Free State Province.

The mining of the iron ore is part of the proposed COZA Iron Ore Project which is a joint venture project that will involve mining from two other sites located on the same farm (Dedering 431, Dedering 432, Dedering 433 and Dedering 434) and the proposed COZA Iron Ore Project. This paper provides the environmental and social impact assessment for the proposed COZA Iron Ore Project.

The proposed project will involve the development of an open pit mine on the farm, mining of the iron ore and the processing of the iron ore. It is estimated that the pit will reach a maximum depth of between 80 and 100 m below surface. The pit will be excavated and the construction will be for the construction of roads and buildings or ground in areas that have been used for the pit. At all stages the mining of iron ore is expected to produce approximately 1.2 million tonnes of iron ore per annum.

A number of environmental approvals will be required for the mining right application, the environmental authorisation and the waste management licence. The environmental authorisation application will be submitted to the Department of Environmental Affairs (DEA) and the waste management licence application will be submitted to the Department of Water and Sanitation (DWS).

Legislation	Lead/Responsible Authority	Competent Authority
Mineral and Petroleum Resources Development Act (MPRDA) of 2002	Mineral and Petroleum Resources Development Act (MPRDA)	Department of Mineral Resources and Energy
National Environmental Management Act (NEMA) of 2002	National Environmental Management Act (NEMA)	Department of Environmental Affairs
Water Act of 1956	Water Act of 1956	Department of Water and Sanitation
Waste Management Act of 1994	Waste Management Act of 1994	Department of Water and Sanitation

**OPENBARE KOMMENTAAR AANGEMOEDIG**

Stakeholders is aangemoedig om kommentaar te lewer op die voorgestelde projek en die omgewings- en sosiale impaktoetsing. Kommentaar moet aan die projekbestuurder by die adres hieronder gestuur word. Kommentaar sal in ag geneem word en sal invloed hê op die finale besluit omtrent die projek.

**Projekbestuurder: Afval Bestuur**  
 E-pos: [2020000000@slr.com](mailto:2020000000@slr.com)  
 Tel: 011 487 8840  
 Faks: 011 487 8870

SLR


BEANTWOORDE AANBEWELING: 17 JULIE 2013



← Uppington  
Olfantshoek

**COZA IRON ORE PROJECT, JENKINS MINE SECTION**

**NOTICE OF APPLICATION FOR A MINING RIGHT, ENVIRONMENTAL AUTHORIZATION, WASTE MANAGEMENT LICENCE AND WATER USE LICENCE**



The following information is provided for the public to be aware of the proposed mining activities and the potential impacts on the environment and the community. The applicant, SLR, is seeking approval for the mining right, environmental authorization, waste management licence, and water use licence for the proposed mining activities.


**PUBLIC COMMENT ENCOURAGED**

Public comment is encouraged on the proposed mining activities and the potential impacts on the environment and the community. Comments should be submitted to the relevant authorities.

SLR

**COZA YSTERRETSPROEJIE, JENKINS MYN AFDELING**

**KENNISGEWING VAN AANSOEK OM 'N WYN REël, OMSIGEMERKINGSMAG, AFVALBEHEERLISENSIE EN WATERSKEMMERINGSREël TE SOEK**



Die volgende inligting word verskaf vir die publiek om kennis te neem van die voorgestelde mynwerkingsaktiwiteite en die moontlike impak op die omgewing en die gemeenskap. Die aansoekster, SLR, soek goedkeuring vir die mynwerkingsreg, omgewingsertifisering, afvalbeheerlisensie en waterskemmingsreël vir die voorgestelde mynwerkingsaktiwiteite.

**OPENSARE KOMMENTAAR AANGEMOEDIG**

Publieke kommentaar word aangemoedig op die voorgestelde mynwerkingsaktiwiteite en die moontlike impak op die omgewing en die gemeenskap. Kommentaar moet aan die relevante owerhede voorgelê word.

SLR